Panasonic

BUSINESS

PROJECTORS

Line-up Catalog February 2017

Panasonic®

Mobile App -
The information of the Panasonic projectors and professional displays from your iOS/Android devices.
panasonic.net/prodisplays/support/mobile_app/

For more information about Panasonic projectors
panasonic.net/avc/projector
Panasonic projectors: facebook page
www.facebook.com/panasonicprojector
Panasonic projectors: YouTube channel
www.youtube.com/user/PanasonicProjector

All information included here is valid as of February 2017.

LINEUP-EG42
Printed in Japan.

Worldwide
Olympic Partner

Worldwide
Paralympic Partner

Cerebrating the Spirit of **Rio 2016**

Panasonic Projectors Share the Passion of the Olympic Games with the People

Rio2016
OFFICIAL WORLDWIDE
OLYMPIC PARTNER

Panasonic

Opening Ceremony: Olympic Games Rio 2016

Closing Ceremony: Olympic Games Rio 2016

Equipment installed

PT-DZ21K2 x Approx. 110 units
PT-RZ31K (Prototype) x 1 unit

Equipment installed

PT-DZ21K2

Other Venue:
Olympic Games Rio 2016

Gymnastic

Equipment installed

PT-DZ21K2 x 2 units

Technical Operation Center

Equipment installed

PT-RZ370 x 14 units

Equipment installed
Total: Approx. 328 units*

PT-RZ31K (Prototype)
PT-DZ21K2
PT-DZ13K
PT-RQ13K/RZ12K
PT-RZ970
PT-RZ670
PT-RZ370
PT-LW312
PT-LB300/LX300
* Total includes back-up units.

Ideal solutions for various applications

Events / Rental Staging
Superior picture quality and reliability for large-scale projection.

"Colosseum Light Messages" Italy

30,000 lm

PT-**RZ31K** Series
SOLID SHINE LASER

20,000 lm

PT-**RQ32K**
SOLID SHINE LASER · 4K PROFESSIONAL

PT-**DZ21K2** Series

PT-**RZ12K** Series
SOLID SHINE LASER

PT-**EX16K**

PT-**RQ13K**
SOLID SHINE LASER · 4K PROFESSIONAL

10,000 lm

PT-**EX12K**

PT-**DZ13K** Series

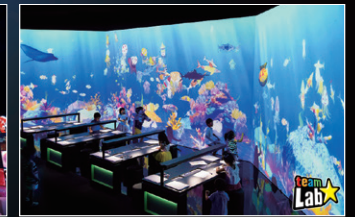◀ ▲ "Story of the Forest at National Museum of Singapore" Singapore

Museum / Exhibition
High brightness, high resolution, and precise colors provide an impressive viewing experience.

"Orbi Osaka" Japan

"FUTURE WORLD at ArtScience Museum" Singapore

Monitoring
Versatile functions and flexible installation features enable mounting in various locations.

"Kumamoto Prefectural Police Department" Japan

PT-**RZ770** Series
SOLID SHINE LASER

PT-**RZ970** Series
SOLID SHINE LASER

5,000 lm

PT-**RZ660** Series
SOLID SHINE LASER

PT-**DZ780** Series

PT-**DZ870** Series

PT-**RZ570** Series
SOLID SHINE LASER

PT-**RZ470** Series
SOLID SHINE

PT-**VZ570** Series

PT-**EZ590** Series

PT-**EZ770** Series

Education / Training
A wide line-up of projectors match your installation location and type of use.

"Queensland University of Technology" Australia

"Yasuda Women's University" Japan

3,000 lm

PT-**RZ370** Series
SOLID SHINE

PT-**VW350** Series

PT-**SX320A** Series

PT-**CW331R**

PT-**LB423** Series

PT-**TW351R** Series

PT-**FZ570** Series

3

4

SOLID SHINE Series

SOLID SHINE LASER | SOLID SHINE

Large-Venue (Laser light source models)

SOLID SHINE LASER

Rental Staging / Auditorium / Museum / Exhibition / Digital Signage / Houses of Worship/Church

3-Chip DLP™

PT-RQ32K NEW
4K *1 | DURO PIXEL DRIVE | Geo.Pro | 24/7 operation | 360°
27,000 lm (Center) *2
26,000 lm | 4K+ *1
• 20,000 hours maintenance-free *3*4
• Geometric Adjustment
• Multi-rigging point

PT-RZ31K NEW
DIGITAL LINK | 3D PROFESSIONAL | Geo.Pro | 24/7 operation | 360°
31,000 lm (Center) *2
30,000 lm | WUXGA
• 20,000 hours maintenance-free *3*4
• Geometric Adjustment
• Multi-rigging point

PT-RS30K NEW
DIGITAL LINK | 3D PROFESSIONAL | Geo.Pro | 24/7 operation | 360°
31,000 lm (Center) *2
30,000 lm | SXGA+
• 20,000 hours maintenance-free *3*4
• Geometric Adjustment
• Multi-rigging point

3-Chip DLP™

PT-RQ13K
4K *1 | DURO PIXEL DRIVE | Geo.Pro | 24/7 operation | 360°
10,000 lm | 4K+ *1
• 20,000 hours maintenance-free *3
• Geometric Adjustment
• 360-degree free installation

PT-RZ12K
DIGITAL LINK | 3D PROFESSIONAL | Geo.Pro | 24/7 operation | 360°
12,000 lm | WUXGA
• 20,000 hours maintenance-free *3
• Geometric Adjustment
• 360-degree free installation

PT-RS11K
DIGITAL LINK | 3D PROFESSIONAL | Geo.Pro | 24/7 operation | 360°
12,000 lm | SXGA+
• 20,000 hours maintenance-free *3
• Geometric Adjustment
• 360-degree free installation

Installation (Laser light source models)

SOLID SHINE LASER

Museum / Exhibition / Simulation / Control Room / Digital Signage / Lecture Room / Seminar Room

1-Chip DLP™

PT-RZ970
PT-RZ970L *5
DIGITAL LINK | Geo.Pro | 24/7 operation | 360°
10,000 lm (Center) *2
9,400 lm | WUXGA
[Available in black/white cabinet]
• 20,000 hours maintenance-free *3
• Geometric Adjustment
• 360-degree free installation

PT-RW930
PT-RW930L *5
DIGITAL LINK | 24/7 operation | 360°
10,000 lm (Center) *2
9,400 lm | WXGA
[Available in black/white cabinet]
• 20,000 hours maintenance-free *3
• Geometric Adjustment
• 360-degree free installation

PT-RX110
PT-RX110L *5
DIGITAL LINK | 24/7 operation | 360°
10,400 lm (Center) *2
10,000 lm | XGA
[Available in black/white cabinet]
• 20,000 hours maintenance-free *3
• Geometric Adjustment
• 360-degree free installation

1-Chip DLP™

PT-RZ770
PT-RZ770L *5
DIGITAL LINK | Geo.Pro | 24/7 operation | 360°
7,200 lm (Center) *2
7,000 lm | WUXGA
[Available in black/white cabinet]
• 20,000 hours maintenance-free *3
• Geometric Adjustment
• 360-degree free installation

PT-RW730
PT-RW730L *5
DIGITAL LINK | 24/7 operation | 360°
7,200 lm (Center) *2
7,000 lm | WXGA
[Available in black/white cabinet]
• 20,000 hours maintenance-free *3
• Geometric Adjustment
• 360-degree free installation

1-Chip DLP™

PT-RZ660
PT-RZ660L *5
DIGITAL LINK | Geo.Pro | 24/7 operation | 360°
6,200 lm (Center) *2
6,000 lm | WUXGA
[Available in black/white cabinet]
• 20,000 hours maintenance-free *3
• Geometric Adjustment
• 360-degree free installation

PT-RW620
PT-RW620L *5
DIGITAL LINK | 24/7 operation | 360°
6,200 lm (Center) *2
6,000 lm | WXGA
[Available in black/white cabinet]
• 20,000 hours maintenance-free *3
• Geometric Adjustment
• 360-degree free installation

1-Chip DLP™

PT-RZ570
DIGITAL LINK | 24/7 operation | 360°
5,400 lm (Center) *2
5,200 lm | WUXGA
[Available in black/white cabinet]
• Laser light source
• 20,000 hours maintenance-free *3
• 360-degree free installation

* Featured image: PT-RZ570

PT-RZ575
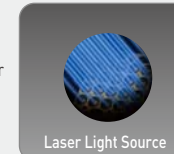DIGITAL LINK | 24/7 operation | 360°
5,200 lm (Center) *2
5,000 lm | WUXGA
1-Chip DLP™
• Short throw lens mounted
• 20,000 hours maintenance-free *3
• 360-degree free installation

Introducing SOLID SHINE Technology for Laser Light Source Models

SOLID SHINE LASER

Outstanding Picture Quality
Panasonic's SOLID SHINE Laser is based on solid-state laser light sources and an original heat-resistant phosphor wheel. This dependable technology delivers exceptionally high brightness and resolution while limiting image degradation over years of continuous 24/7 operation.

Laser Light Source | Original — Reliable Phosphor Device | Reliable Display Device

Long-lasting Maintenance-free Reliability
Image brightness is greatly affected by dust. Panasonic projectors are tested for dustproof compliance under extremely severe conditions. An airtight optical block** and filter-less design** makes SOLID SHINE Laser projectors ideal for use in harsh environments. Panasonic SOLID SHINE Laser projectors comply with Japanese Building Maintenance Association and the American Society of Heating, Refrigerating, and Air-Conditioning Engineers [ASHRAE] guidelines for operation in environments containing 0.15 mg of dust per cubic meter.

Dust-Resistant **0.15** mg/m³ | No Maintenance **20,000** HOURS *

* At this time the brightness would have decreased to approximately 1/2 of its original level. After approximately 20,000 hours, cleaning needs to be performed (by the vendor which you purchased from). The light source's lifetime may be shortened due to environmental conditions and operating mode.
** For 1-Chip DLP™ laser light source models.

Dustproof test

Flexible Installation
Vertical, horizontal and tilting 360-degree projection enabled by laser light source. This flexibility enables projection from virtually any angle which is not possible with traditional lamp-based projectors.

For more information about Panasonic SOLID SHINE Laser projectors, please visit the website.
>>> panasonic.net/avc/projector/solutions/technology/laser/

Installation (LED/Laser-combined light source models)

SOLID SHINE

Museum / Exhibition / Control Room / Digital Signage

PT-RZ475 *6*7
DIGITAL LINK | 3D PROFESSIONAL | Portrait | 24/7 operation
3,000 lm | Full HD
• Short throw lens mounted
• No lamp/filter replacement
• 20,000 hours maintenance-free *3

1-Chip DLP™

* Featured image: PT-RZ470/RW430

PT-RZ470
DIGITAL LINK | 3D PROFESSIONAL | Portrait | 24/7 operation
3,500 lm | Full HD
[Available in black/white cabinet]
• No lamp/filter replacement
• 20,000 hours maintenance-free *3

PT-RW430
DIGITAL LINK | 3D PROFESSIONAL | Portrait | 24/7 operation
3,500 lm | WXGA
[Available in black/white cabinet]
• No lamp/filter replacement
• 20,000 hours maintenance-free *3

Lecture Room / Seminar Room / Meeting Room

PT-RZ370
DIGITAL LINK | 24/7 operation
3,500 lm | Full HD
• No lamp/filter replacement
• 20,000 hours maintenance-free *3

1-Chip DLP™

PT-RW330
DIGITAL LINK | 24/7 operation
3,500 lm | WXGA
• No lamp/filter replacement
• 20,000 hours maintenance-free *3

*1: Resolution 5,120 x 3,200 Pixels (QUAD PIXEL DRIVE: ON) *2: Center screen lumen. *3: The maintenance-free duration may be shortened due to environmental conditions and operating mode. *4: In use of OPERATING MODE set to [NORMAL] with optional long life filter ET-EMFU330. (NORMAL mode: PT-RQ32K 22,000 lm (Center)/21,000 lm, PT-RZ31K/RS30K 26,000 lm (Center)/25,000 lm) *5: Lens-less model. *6: The availability varies depending on the country. *7: Without lens shift lever.

Large-Venue

Rental Staging / Auditorium / Museum / Exhibition / Control Room / Digital Signage / Houses of Worship/Church

3-Chip DLP™

PT-**DZ21K2**	PT-**DS20K2**	PT-**DW17K2**	PT-**DZ16K2**
20,000 lm	WUXGA	20,000 lm	SXGA+
•Geometric Adjustment	•Geometric Adjustment	•Geometric Adjustment	•Geometric Adjustment
•Frame Creation	•Frame Creation	•Frame Creation	•Frame Creation
•Long-life lamp/filter	•Long-life lamp/filter	•Long-life lamp/filter	•Long-life lamp/filter

PT-**DZ21K2** — 20,000 lm — WUXGA
PT-**DS20K2** — 20,000 lm — SXGA+
PT-**DW17K2** — 17,000 lm — WXGA
PT-**DZ16K2** — 16,000 lm — Full HD

3-Chip DLP™

PT-**DZ13K** — 12,000 lm — WUXGA
•Geometric Adjustment •Lens Memory •Eco Filter

PT-**DS12K** — 12,000 lm — SXGA+
•Geometric Adjustment •Lens Memory •Eco Filter

PT-**DW11K** — 11,000 lm — WXGA
•Lens Memory •Eco Filter

PT-**DZ10K** — 10,600 lm — WUXGA
•Geometric Adjustment •Lens Memory •Eco Filter

Rental Staging / Auditorium / Houses of Worship/Church

LCD

PT-**EX16K** — Pure Color Control — 16,000 lm — XGA
•Pure Color Control •Corner Keystone

PT-**EX12K** — Pure Color Control — 13,000 lm — XGA
•Pure Color Control •Corner Keystone •Eco Filter

Installation

Museum / Exhibition / Simulation / Control Room / Digital Signage / Lecture Room / Seminar Room

1-Chip DLP™

PT-**DZ870**
PT-**DZ870L**[*4] — 8,500 lm — WUXGA
[Available in black/white cabinet]
•Dynamic RGB Booster •Dust Resistant Optics •Geometric Adjustment

PT-**DW830**
PT-**DW830L**[*4] — 8,500 lm — WXGA
[Available in black/white cabinet]
•Dynamic RGB Booster •Dust Resistant Optics

PT-**DX100**
PT-**DX100L**[*4] — 10,000 lm — XGA
[Available in black/white cabinet]
•Dynamic RGB Booster •Dust Resistant Optics

1-Chip DLP™

PT-**DZ780**
PT-**DZ780L**[*4] — 7,000 lm — WUXGA
[Available in black/white cabinet]
•Quiet 30 dB operation[*5] •Dynamic RGB Booster •Geometric Adjustment

PT-**DW750**
PT-**DW750L**[*4] — 7,000 lm — WXGA
[Available in black/white cabinet]
•Quiet 30 dB operation[*5] •Dynamic RGB Booster •Geometric Adjustment

PT-**DX820**
PT-**DX820L**[*4] — 8,200 lm — XGA
[Available in black/white cabinet]
•Quiet 30 dB operation[*5] •Dynamic RGB Booster •Geometric Adjustment

Installation (LCD)

Lecture Room / Seminar Room / Boardroom

LCD

PT-**EZ770Z**
PT-**EZ770ZL**[*4] — 6,500 lm — WUXGA
•Daylight View Basic •Eco Filter

PT-**EW730Z**
PT-**EW730ZL**[*4] — 7,000 lm — WXGA
•Daylight View Basic •Eco Filter

PT-**EX800Z**
PT-**EX800ZL**[*4] — 7,500 lm — XGA
•Daylight View Basic •Eco Filter

LCD

PT-**EZ590**
PT-**EZ590L**[*4] — 5,400 lm — WUXGA
•Daylight View Basic •Eco Filter

PT-**EW650**
PT-**EW650L**[*4] — 5,800 lm — WXGA
•Daylight View Basic •Eco Filter

PT-**EW550**
PT-**EW550L**[*4] — 5,000 lm — WXGA
•Daylight View Basic •Eco Filter

PT-**EX620**
PT-**EX620L**[*4] — 6,200 lm — XGA
•Daylight View Basic •Eco Filter

PT-**EX520**
PT-**EX520L**[*4] — 5,300 lm — XGA
•Daylight View Basic •Eco Filter

Lecture Room / Seminar Room / Boardroom / Meeting room

LCD

PT-**FZ570** — 4,500 lm — WUXGA
•Daylight View Basic •Eco Filter

PT-**FW530** — 4,500 lm — WXGA
•Daylight View Basic •Eco Filter

PT-**FX500** — 5,000 lm — XGA
•Daylight View Basic •Eco Filter

*1: Mounting the optional lamp unit for portrait mode is required.
*2: Updating the projector's firmware to MAIN Ver. 2.00 or later is required.
*3: ET-UK20 is unavailable.
*4: Lens-less model.
*5: When the projector used with the lamps at full power in normal mode.
*6: To operate wireless projection, the optional wireless module ET-WML100 is required.

Ultra Short-Throw Lens Yields More Options

Ultra short-throw lens
for 3-Chip DLP™ projectors
ET-**D75LE95** (optional)

Ultra short-throw lens
for 1-Chip DLP™ projectors
ET-**DLE030** (optional)

Panasonic ultra short-throw lens makes it possible to install projectors in spaces that were never before possible. Thus applications greatly expand for digital signage in show windows, stores and other locations.

Application Example: Museum

Projection onto a large screen becomes possible even in places where there wasn't previously enough space for projecting.

Turnkey Solution for Multi-Window Presentations

Multi Window Processor
ET-**MWP100G** (optional)

The ET-MWP100G Multi Window Processor makes it possible to quickly and efficiently combine multiple displays and projectors into a video wall or a multi vision system.

* When the optional DIGITAL LINK board is mounted.

Application Example: Broadcast Studio

The ET-MWP100G's optional interface boards support a wide variety of input sources. This makes it possible to connect to media servers, professional video cameras, and other devices.

Portable

Medium to Small Classrooms / Meeting Room

LCD

PT-**VZ575N**	PT-**VZ570**	PT-**VZ470**[*1]	
DIGITAL LINK / WIRELESS			
4,800 lm	WUXGA	4,800 lm	WUXGA	4,400 lm	WUXGA	
•1.6x Zoom lens	•1.6x Zoom lens	•1.6x Zoom lens	
•10,000:1 contrast ratio	•10,000:1 contrast ratio	•10,000:1 contrast ratio	
•Vertical lens shift	•Vertical lens shift	•Vertical lens shift	

PT-**VW535N**	PT-**VW530**	PT-**VX605N**	PT-**VX600**
DIGITAL LINK / WIRELESS		DIGITAL LINK / WIRELESS	
5,000 lm WXGA	5,000 lm WXGA	5,500 lm XGA	5,500 lm XGA
•1.6x Zoom lens	•1.6x Zoom lens	•1.6x Zoom lens	•1.6x Zoom lens
•10,000:1 contrast ratio	•10,000:1 contrast ratio	•10,000:1 contrast ratio	•10,000:1 contrast ratio
•Vertical lens shift	•Vertical lens shift	•Vertical lens shift	•Vertical lens shift

LCD

PT-**VW355N**	PT-**VW350**	PT-**VX425N**	PT-**VX420**
WIRELESS		WIRELESS	
4,000 lm WXGA	4,000 lm WXGA	4,500 lm XGA	4,500 lm XGA
•Miracast compatible	•1.6x Zoom lens	•Miracast compatible	•1.6x Zoom lens
•1.6x Zoom lens	•Built-in 10 W speaker	•1.6x Zoom lens	•Built-in 10 W speaker
•Easy setting function		•Easy setting function	

Small Classroom / Meeting Room

LCD

PT-**LW373** NEW	PT-**LW333** NEW	PT-**LB423** NEW
WIRELESS[*2]	WIRELESS[*2]	WIRELESS[*2]
3,600 lm WXGA	3,100 lm WXGA	4,100 lm XGA
•Daylight View Lite	•Daylight View Lite	•Daylight View Lite
•16,000:1 contrast ratio	•16,000:1 contrast ratio	•16,000:1 contrast ratio
•Long-life lamp/filter	•Long-life lamp/filter	•Long-life lamp/filter

PT-**LB383** NEW	PT-**LB353** NEW	PT-**LB303** NEW	PT-**LB280**[*3]
WIRELESS[*2]	WIRELESS[*2]		
3,800 lm XGA	3,300 lm XGA	3,100 lm XGA	2,800 lm XGA
•Daylight View Lite	•Daylight View Lite	•Daylight View Lite	•Daylight View Lite
•16,000:1 contrast ratio	•16,000:1 contrast ratio	•16,000:1 contrast ratio	•10,000:1 contrast ratio
•Long-life lamp/filter	•Long-life lamp/filter	•Long-life lamp/filter	•Long-life lamp/filter

LCD

PT-**SX320A**[*1] NEW	PT-**SX300A**[*1] NEW	**LCD**	PT-**SW280A**[*1] NEW
WIRELESS[*2]	WIRELESS[*2]		WIRELESS[*2]
3,200 lm XGA	3,000 lm XGA		2,800 lm WXGA
•Lightweight body	•Lightweight body		•Lightweight body

Short Throw

Small Classroom / Meeting Room / Museum/Exhibition

1-Chip DLP™

*Featured image: PT-TW351R

PT-**CW331R**[*3]
3D PROFESSIONAL
3,100 lm WXGA
•Interactive
•3D ready
•Built-in 10 W speaker

Small Classroom / Meeting Room

LCD

PT-**TW351R** NEW	PT-**TW350** NEW	PT-**TX410** NEW	PT-**TX320** NEW
WIRELESS[*2]	WIRELESS[*2]	WIRELESS[*2]	WIRELESS[*2]
3,300 lm WXGA	3,300 lm WXGA	3,800 lm XGA	3,200 lm XGA
•Daylight View Lite	•Daylight View Lite	•Daylight View Lite	•Daylight View Lite
•16,000:1 contrast ratio	•16,000:1 contrast ratio	•16,000:1 contrast ratio	•16,000:1 contrast ratio
•Long-life lamp/filter	•Long-life lamp/filter	•Long-life lamp/filter	•Long-life lamp/filter
•Interactive			

Space Player

1-Chip DLP™

PT-**JW130G** PT-**JW130H**	PT-**JX200G** NEW PT-**JX200H**
WIRELESS Portrait 24/7 operation	WIRELESS Portrait 24/7 operation
1,000 lm WXGA	2,000 lm XGA
•Laser light source	•Laser light source
•20,000 hours maintenance-free[*4]	•20,000 hours maintenance-free[*4]
•2.2x Zoom lens	•2.2x Zoom lens

Please check with your dealer regarding product availability in your country.

*1: The availability varies depending on the country.
*2: To operate wireless projection, the optional wireless module ET-WML100 is required.
*3: Discontinued and only available while supplies last.
*4: The maintenance-free duration may be shortened due to environmental conditions.

All-in-One Connectivity

DIGITAL LINK Switcher
ET-YFB200G (optional)

Digital Interface Box
ET-YFB100G (optional)

Equipped with DIGITAL LINK output terminals.* Allows transmission of HDMI, uncompressed HD digital video, audio and control signals (Ethernet, RS-232C) for up to 100 m (328 ft.) through a single CAT5e (STP) cable or higher. Long Reach Mode supports up to 1080/60p signal transmission for 150 m (492 ft).**

* DIGITAL LINK terminal: two terminals on the ET-YFB200G and one terminal on the ET-YFB100G.
** Long Reach Mode is available on the PT-RQ32K, PT-RZ31K/RS30K, PT-RQ13K, PT-RZ12K/RS11K, PT-DZ21K2/DS20K2/DW17K2/DZ16K2, PT-RZ970/RW930/RX110, PT-RZ770/RW730, PT-RZ660/RW620, PT-RZ570/RZ575, PT-DZ780/DW750/DX820, PT-EZ590/EW650/EX620, PT-FZ570/FW530/FX500. Up to 100 m (328 ft) in Normal Mode.

Supporting Stable Operation

Early Warning Software
ET-SWA100 Series (optional)

Early Warning Software monitors the status of projectors and displays connected to an intranet and informs you when an abnormality is detected or predicted,* and when there are symptoms of trouble. This minimizes downtime to provide more stable operation. * Please note that the software does not guarantee the prediction of all device breakdowns in all instances.

Please visit PASS (panasonic.net/avc/projector/pass/) to download and activate Early Warning Software.
A free, **90-day** trial version for monitoring up to **2,048 projectors** is available.

Large-Venue

		PT-RQ32K NEW 4K *15	PT-RZ31K NEW 3D PROFESSIONAL	PT-RS30K NEW 3D PROFESSIONAL	PT-RQ13K 4K *15	PT-RZ12K 3D PROFESSIONAL
		3-Chip DLP™ Projector	3-Chip DLP™ Projector	3-Chip DLP™ Projector	3-Chip DLP™ Projector	3-Chip DLP™ Projector
		27,000 lm (Center)*4/26,000 lm · 4K+ *15 · Geo. Pro	31,000 lm (Center)*4/30,000 lm · WUXGA · Geo. Pro	31,000 lm (Center)*4/30,000 lm · SXGA+ · Geo. Pro	10,000 lm · 4K+ *15 · Geo. Pro	12,000 lm · WUXGA · Geo. Pro
		* Lens sold separately.	* Lens sold separately.	* Lens sold separately.	* Lens sold separately.	* Lens sold separately.
Optical	Panel type	22.9 mm (0.9 inches) DLP™ chip x 3	24.4 mm (0.96 inches) DLP™ chip x 3	24.1 mm (0.95 inches) DLP™ chip x 3	22.9 mm (0.9 inches) DLP™ chip x 3	24.4 mm (0.96 inches) DLP™ chip x 3
	Aspect ratio	16:10	16:10	4:3	16:10	16:10
	Light source	Laser diodes	Laser diodes	Laser diodes	Laser diodes	Laser diodes
	Light source life*1	18,000 hours (HIGH)/20,000 hours (NORMAL)/ 43,800 hours (LONG LIFE1)/61,320 hours (LONG LIFE2)/ 87,600 hours (LONG LIFE3)	18,000 hours (HIGH)/20,000 hours (NORMAL)/ 43,800 hours (LONG LIFE1)/61,320 hours (LONG LIFE2)/ 87,600 hours (LONG LIFE3)	18,000 hours (HIGH)/20,000 hours (NORMAL)/ 43,800 hours (LONG LIFE1)/61,320 hours (LONG LIFE2)/ 87,600 hours (LONG LIFE3)	20,000 hours (NORMAL)/24,000 hours (ECO)/ 43,000 hours (LONG LIFE1)/61,000 hours (LONG LIFE2)/ 87,000 hours (LONG LIFE3)	20,000 hours (NORMAL)/24,000 hours (ECO)/ 43,000 hours (LONG LIFE1)/61,000 hours (LONG LIFE2)/ 87,000 hours (LONG LIFE3)
	Brightness	27,000 lm (Center)*6 / 26,000 lm (HIGH)	31,000 lm (Center)*6 / 30,000 lm (HIGH)	31,000 lm (Center)*6 / 30,000 lm (HIGH)	10,000 lm	12,000 lm
	Contrast (full on/full off)	20,000:1	20,000:1	20,000:1	20,000:1	20,000:1
	Resolution native/maximum*2	4K+ (5,120 x 3,200)	WUXGA (1,920 x 1,200)	SXGA+ (1,400 x 1,050)/WUXGA (1,920 x 1,200)	4K+ (5,120 x 3,200)*15	WUXGA (1,920 x 1,200)
	Screen size (diagonal)*3	1.78-25.4 m (70–1,000 inches)*7	1.78-25.4 m (70–1,000 inches)*7	1.78-25.4 m (70–1,000 inches)*7	1.78-25.4 m (70–1,000 inches)*7	1.78-25.4 m (70–1,000 inches)*7
	Lens shift*4	Vertical: ±59 %*8, horizontal: ±29 %*8 (powered)	Vertical: ±55 %*13, horizontal: ±20 %*13 (powered)	Vertical: ±50 %*14, horizontal: ±30 %*14 (powered)	Vertical: ±59 %*8, horizontal: ±29 %*8 (powered)	Vertical: ±55 %*13, horizontal: ±20 %*13 (powered)
Interface	Terminals	SDI in [BNC x 4 (3G/HD/SD-SDI, Dual-link HD/SD-SDI, Dual-link 3G-SDI x 4)] SYNC in/out [BNC x 1 (3D timing signal)] SYNC out [BNC x 1 (3D timing signal)] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1] DC out [USB type-A x 2 (for power supply (DC 5 V, up to 900 mA) x 2)	SDI in [BNC x 2 (3G/HD/SD-SDI, Dual-link HD/SD-SDI, Dual-link 3G-SDI x 2)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] 3D SYNC in/out / MULTI PROJECTOR SYNC in [BNC x 1] 3D SYNC out / MULTI PROJECTOR SYNC out [BNC x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1] DC out [USB type-A x 2 (for power supply (DC 5 V, up to 900 mA) x 2)	SDI in [BNC x 2 (3G/HD/SD-SDI, Dual-link HD/SD-SDI, Dual-link 3G-SDI x 2)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] 3D SYNC in/out / MULTI PROJECTOR SYNC in [BNC x 1] 3D SYNC out / MULTI PROJECTOR SYNC out [BNC x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1] DC out [USB type-A x 2 (for power supply (DC 5 V, up to 900 mA) x 2)	SDI in [BNC x 4 (3G/HD/SD-SDI, Dual-link HD/SD-SDI, Dual-link 3G-SDI x 4)] FRAME SYNC in/out [BNC x 1 (Frame-synchronizing timing signal)] FRAME SYNC out [BNC x 1 (Frame-synchronizing timing signal)] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1] Optional board slot [Slot x 2]	SDI in [BNC x 2 (3G/HD/SD-SDI, Dual-link HD/SD-SDI, Dual-link 3G-SDI x 2)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] 3D SYNC in/out [BNC x 1 (3D timing signal)] 3D SYNC out [BNC x 1 (3D timing signal)] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]
General	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	Power consumption	2,950 W	2,870 W	2,870 W	1,270 W	1,200 W
	BTU value	Max. 10,079 BTU	Max. 9,396 BTU	Max. 9,396 BTU	Max. 4,334 BTU	Max 4,096 BTU
	Operation noise	49 dB	49 dB	49 dB	43 dB	43 dB
	Dimensions (W x H x D)	700 x 418*9 x 1,070 mm*10 (27-9/16 x 14-19/32*9 x 42-5/32 inches)*10	700 x 418*9 x 1,070 mm*10 (27-9/16 x 14-19/32*9 x 42-5/32 inches)*10	700 x 418*9 x 1,070 mm*10 (27-9/16 x 14-19/32*9 x 42-5/32 inches)*10	578 x 323.5*9 x 740 mm*10 (22-3/4 x 12-23/32*9 x 29-1/8 inches)*10	578 x 323.5*9 x 740 mm*10 (22-3/4 x 12-23/32*9 x 29-1/8 inches)*10
	Weight*5	Approx. 83 kg/182 lbs	Approx. 79.0 kg/174 lbs	Approx. 79.0 kg/174 lbs	Approx. 49 kg/108 lbs	Approx. 44.0 kg/97 lbs
Features	Filter	Eco Filter	Eco Filter	Eco Filter	Eco Filter	Eco Filter
	Edge Blending	Yes	Yes	Yes	Yes	Yes
	Geometric Adjustment	Yes (Optional upgrade kit available)	Yes (Optional upgrade kit available)	Yes (Optional upgrade kit available)	Yes (Optional upgrade kit available)	Yes (Optional upgrade kit available)
	Multi-Unit Brightness Control	Yes	Yes	Yes	Yes	Yes
	Portrait mode	Yes (360-degree free installation capability)	Yes (360-degree free installation capability)	Yes (360-degree free installation capability)	Yes (360-degree free installation capability)	Yes (360-degree free installation capability)
	Daylight View	System Daylight View 3	System Daylight View 3	System Daylight View 3	System Daylight View 3	System Daylight View 3
	Detail Clarity Processor	Detail Clarity Processor 5+	Detail Clarity Processor 5	Detail Clarity Processor 5	Detail Clarity Processor 5+	Detail Clarity Processor 5
	DICOM Simulation Mode	Yes	Yes	Yes	Yes	Yes
	P-in-P	–	Yes	Yes	–	Yes
Accessory	Optional accessories	ET-EMF330 (Replacement filter unit) ET-EMFU330 (Long life filter) ET-SFR330 (Smoke cut filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Upgrade kit with Geometry Manager Pro) ET-CUK10/CUK10P*11 (Auto Screen Adjustment Upgrade Kit) ET-MDNDV10 (DVI-D Input Board) ET-MDNHM10 (HDMI Input Board) TY-TBN03G (3G-SDI Input Board)	ET-EMF330 (Replacement filter unit) ET-EMFU330 (Long life filter) ET-SFR330 (Smoke cut filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Upgrade kit with Geometry Manager Pro) ET-CUK10/CUK10P*11 (Auto Screen Adjustment Upgrade Kit)	ET-EMF330 (Replacement filter unit) ET-EMFU330 (Long life filter) ET-SFR330 (Smoke cut filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Upgrade kit with Geometry Manager Pro) ET-CUK10/CUK10P*11 (Auto Screen Adjustment Upgrade Kit)	ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PKD520B (Attachment for ceiling mount bracket) ET-PFD510 (Frame) ET-EMF330 (Replacement filter unit) ET-SFR330 (Smoke cut filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Upgrade kit with Geometry Manager Pro) ET-CUK10/CUK10P*11 (Auto Screen Adjustment Upgrade Kit) ET-MDNDV10 (DVI-D Input Board) ET-MDNHM10 (HDMI Input Board) TY-TBN03G (3G-SDI Input Board)	ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PKD520B (Attachment for ceiling mount bracket) ET-PFD510 (Frame) ET-EMF330 (Replacement filter unit) ET-SFR330 (Smoke cut filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Upgrade kit with Geometry Manager Pro) ET-CUK10/CUK10P*11 (Auto Screen Adjustment Upgrade Kit)
	Optional lens	Yes (please see the Optional Lenses page: P47)	Yes (please see the Optional Lenses page: P47)	Yes (please see the Optional Lenses page: P47)	Yes (please see the Optional Lenses page: P47)	Yes (please see the Optional Lenses page: P47)
	Standard accessories	Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*12	Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*12	Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*12	Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*12	Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*12

*1: At this time the brightness would have decreased to approximately 1/2 of its original level. After approximately 20,000 hours, cleaning needs to be performed (by the vendor which you purchased from). The light source's lifetime may be shortened due to environmental conditions and operating mode. *2: Input signals that exceed the native resolution will be converted to the native resolution. *3: The screen size is that of the original aspect ratio. *4: The lens shift cannot be used or its range of operation is limited with a fixed-focus lens. *5: Average value. Each product has an individual variable in weight. *6: Luminance measured at center of screen.

*7: 1.78-15.24 m (70-600 inches) with the ET-D75LE8. 3.05-15.24 m (120–600 inches) with the ET-D75LE95. *8: Vertical ±56 % and horizontal ±19 % with the ET-D75LE6. *9: Height: with legs at shortest position. *10: Depth: protruding parts not included. *11: Available for use worldwide except in the United States. *12: CD-ROM includes Logo Transfer Software and Multi Monitoring and Control Software. *13: Vertical ±44 % and horizontal ±20 % with the ET-D75LE6. *14: Vertical ±50 % and horizontal ±30 % with the ET-D75LE6. *15: Resolution 5,120 x 3,200 Pixels (QUAD PIXEL DRIVE: ON)

Large-Venue

		PT-**RS11K**	PT-**DZ21K2**	PT-**DS20K2**	PT-**DW17K2**	PT-**DZ16K2**
		3-Chip DLP™ Projector 12,000 lm / SXGA+	**3-Chip DLP™ Projector** 20,000 lm / WUXGA	**3-Chip DLP™ Projector** 20,000 lm / SXGA+	**3-Chip DLP™ Projector** 17,000 lm / WXGA	**3-Chip DLP™ Projector** 16,000 lm / Full HD
		* Lens sold separately.	* Lens sold separately.	* Lens sold separately.	* Lens sold separately.	* Lens sold separately.
Optical	Panel type	24.1 mm (0.95 inches) DLP™ chip x 3	24.4 mm (0.96 inches) DLP™ chip x 3	24.1 mm (0.95 inches) DLP™ chip x 3	21.6 mm (0.85 inches) DLP™ chip x 3	24.1 mm (0.95 inches) DLP™ chip x 3
	Aspect ratio	4:3	16:10	4:3	16:9	16:9
	Lamp	Laser diodes	432 W UHM x 4	432 W UHM x 4	432 W UHM x 4	432 W UHM x 4
	Light source[1]/Lamp life[2]	20,000 hours (NORMAL)/24,000 hours (ECO)/ 43,000 hours (LONG LIFE1)/61,000 hours (LONG LIFE2)/ 87,000 hours (LONG LIFE3)	3,000 hours (QUAD)/6,000 hours (DUAL)	3,000 hours (QUAD)/6,000 hours (DUAL)	3,000 hours (QUAD)/6,000 hours (DUAL)	3,000 hours (QUAD)/6,000 hours (DUAL)
	Brightness	12,000 lm	20,000 lm	20,000 lm	17,000 lm	16,000 lm
	Contrast (full on/full off)	20,000:1	10,000:1	10,000:1	10,000:1	10,000:1
	Resolution native/maximum[3]	SXGA+ (1,400 x 1,050)/WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)	SXGA+ (1,400 x 1,050)/WUXGA (1,920 x 1,200)	WXGA (1,366 x 768)/WUXGA (1,920 x 1,200)	Full HD (1,920 x 1,080)/WUXGA (1,920 x 1,200)
	Screen size (diagonal)[4]	1.78-25.4 m (70-1,000 inches)[7]	1.78-25.4 m (70-1,000 inches)[7]	1.78-25.4 m (70-1,000 inches)[7]	1.78-25.4 m (70-1,000 inches)[7]	1.78-25.4 m (70-1,000 inches)[7]
	Lens shift[5]	Vertical: ±50 %[8], horizontal: ±30 %[8] (powered)	Vertical: ±55 %[14], horizontal: ±20 %[14] (powered)	Vertical: ±50 %[15], horizontal: ±30 %[15] (powered)	Vertical: ±70 %[16], horizontal: ±30 %[16] (powered)	Vertical: ±60 %[17], horizontal: ±20 %[17] (powered)
Interface	Terminals	SDI in [BNC x 2 (3G/HD/SD-SDI, Dual-link HD/SD-SDI, Dual-link 3G-SDI x 2)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] 3D SYNC in/out [BNC x 1 (3D timing signal)] 3D SYNC out [BNC x 1 (3D timing signal)] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	SDI in [BNC x 2 (3G/HD/SD-SDI x 2)] 3D SYNC in/out [BNC x 1 (3D timing signal)] 3D SYNC out [BNC x 1 (3D timing signal)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR/YC/video x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	SDI in [BNC x 2 (3G/HD/SD-SDI x 2)] 3D SYNC in/out [BNC x 1 (3D timing signal)] 3D SYNC out [BNC x 1 (3D timing signal)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR/YC/video x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR/YC/video x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	SDI in [BNC x 1 (3G/HD/SD-SDI x 1)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR/YC/video x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]
General	Power supply	100-240 V AC, 50/60 Hz	200-240 V AC, 50/60 Hz	200-240 V AC, 50/60 Hz	200-240 V AC, 50/60 Hz	200-240 V AC, 50/60 Hz
	Power consumption	1,200 W	2,060 W	2,060 W	2,060 W	2,060 W
	BTU value	Max 4,096 BTU	Max. 7,031 BTU	Max. 7,031 BTU	Max. 7,031 BTU	Max. 7,031 BTU
	Operation noise	43 dB	46 dB	46 dB	46 dB	46 dB
	Dimensions (W x H x D)	578 x 323.5[9] x 740 mm[10] (22-3/4 x 12-23/32[9] x 29-1/8 inches)[10]	620 x 291[9] x 800 mm[10] (24-7/16 x 11-15/32[9] x 31-1/2 inches)[10]	620 x 291[9] x 800 mm[10] (24-7/16 x 11-15/32[9] x 31-1/2 inches)[10]	620 x 291[9] x 800 mm[10] (24-7/16 x 11-15/32[9] x 31-1/2 inches)[10]	620 x 291[9] x 800 mm[10] (24-7/16 x 11-15/32[9] x 31-1/2 inches)[10]
	Weight[6]	Approx. 44.0 kg/97 lbs	Approx. 41.0 kg/90.4 lbs	Approx. 41.0 kg/90.4 lbs	Approx. 41.0 kg/90.4 lbs	Approx. 41.0 kg/90.4 lbs
Features	Filter	Eco Filter	Eco Filter	Eco Filter	Eco Filter	Eco Filter
	Edge Blending	Yes	Yes	Yes	Yes	Yes
	Geometric Adjustment	Yes (Optional upgrade kit available)	Yes (Optional upgrade kit available)	Yes (Optional upgrade kit available)	Yes	Yes
	Multi-Unit Brightness Control	Yes	Yes	Yes	Yes	Yes
	Portrait mode	Yes (360-degree free installation capability)	Yes[13]	Yes[13]	Yes[13]	-
	Daylight View	System Daylight View 3	System Daylight View 2	System Daylight View 2	System Daylight View 2	System Daylight View 2
	Detail Clarity Processor	Detail Clarity Processor 5	Detail Clarity Processor 3	Detail Clarity Processor 3	Detail Clarity Processor 3	Detail Clarity Processor 3
	DICOM Simulation Mode	Yes	Yes	Yes	Yes	Yes
	P-in-P	Yes	Yes	Yes	Yes	Yes
Accessory	Replacement lamp	-	ET-LAD520/ET-LAD520F ET-LAD520P/ET-LAD520PF (for portrait mode)	ET-LAD520/ET-LAD520F ET-LAD520P/ET-LAD520PF (for portrait mode)	ET-LAD520/ET-LAD520F ET-LAD520P/ET-LAD520PF (for portrait mode)	ET-LAD520/ET-LAD520F
	Optional accessories	ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PKD520B (Attachment for ceiling mount bracket) ET-PFD510 (Frame) ET-EMF330 (Replacement filter unit) ET-SFR330 (Smoke cut filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P[11] (Auto Screen Adjustment Upgrade Kit)	ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PFD510 (Frame) ET-EMF510 (Replacement filter unit) Service Parts (Smoke cut filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P[11] (Auto Screen Adjustment Upgrade Kit)	ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PFD510 (Frame) ET-EMF510 (Replacement filter unit) Service Parts (Smoke cut filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P[11] (Auto Screen Adjustment Upgrade Kit)	ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PFD510 (Frame) ET-EMF510 (Replacement filter unit) Service Parts (Smoke cut filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PFD510 (Frame) ET-EMF510 (Replacement filter unit) Service Parts (Smoke cut filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)
	Optional lens	Yes (please see the Optional Lenses page: P47)	Yes (please see the Optional Lenses page: P47)	Yes (please see the Optional Lenses page: P47)	Yes (please see the Optional Lenses page: P47)	Yes (please see the Optional Lenses page: P47)
	Standard accessories	Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM[12]	Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM[12]	Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM[12]	Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM[12]	Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM[12]

*1: At this time the brightness would have decreased to approximately 1/2 of its original level. After approximately 20,000 hours, cleaning needs to be performed (by the vendor which you purchased from). The light source's lifetime may be shortened due to environmental conditions and operating mode. *2: When the projector is in landscape orientation. The usage environment affects the lamp replacement cycle. *3: Input signals that exceed the native resolution will be converted to the native resolution. *4: The screen size is that of the original aspect ratio. *5: The lens shift cannot be used or its range of operation is limited with a fixed-focus lens. *6: Average value. Each product has an individual variable in weight.

*7: 1.78-15.24 m (70-600 inches) with the ET-D75LE8. 3.05-15.24 m (120-600 inches) with the ET-D75LE95. *8: Vertical ±50 % and horizontal ±30 % with the ET-D75LE6. *9: Height: with legs at shortest position. *10: Depth: lens not included. *11: Available for use worldwide except in the United States. *12: CD-ROM includes Logo Transfer Software and Multi Monitoring and Control Software. *13: Mounting the optional lamp unit for portrait mode is required. *14: Vertical ±44 % and horizontal ±15 % with the ET-D75LE6. *15: Vertical ±40 % and horizontal ±20 % with the ET-D75LE6. *16: Vertical ±60 % and horizontal ±20 % with the ET-D75LE6. *17: Vertical ±50 % and horizontal ±15 % with the ET-D75LE6.

Large-Venue · Installation · Portable · Short Throw · Space Player

Large-Venue

	PT-DZ13K	**PT-DS12K**	**PT-DW11K**	**PT-DZ10K**
	3D PROFESSIONAL / 24/7 Operation	3D PROFESSIONAL / 24/7 Operation	3D PROFESSIONAL / 24/7 Operation	24/7 Operation
	3-Chip DLP™ Projector — 12,000 lm / WUXGA — Geo. Pro / Portrait*6	3-Chip DLP™ Projector — 12,000 lm / SXGA+ — Geo. Pro / Portrait*6 *Lens sold separately.	3-Chip DLP™ Projector — 11,000 lm / WXGA / Portrait*6 *Lens sold separately.	3-Chip DLP™ Projector — 10,600 lm / WUXGA — Geo. Pro*14 / Portrait*6 *Lens sold separately.

Optical

	PT-DZ13K	**PT-DS12K**	**PT-DW11K**	**PT-DZ10K**
Panel type	24.4 mm (0.96 inches) DLP™ chip x 3	24.1 mm (0.95 inches) DLP™ chip x 3	21.6 mm (0.85 inches) DLP™ chip x 3	24.4 mm (0.96 inches) DLP™ chip x 3
Aspect ratio	16:10	4:3	16:9	16:10
Lamp	380 W UHM x 2	380 W UHM x 2	380 W UHM x 2	355 W UHM x 2
Lamp Life*1	3,500 hours (MIDDLE)/4,000 hours (ECO)	3,500 hours (MIDDLE)/4,000 hours (ECO)	3,500 hours (MIDDLE)/4,000 hours (ECO)	3,500 hours (NORMAL)/4,000 hours (ECO)
Brightness	12,000 lm	12,000 lm	11,000 lm	10,600 lm
Contrast (full on/full off)	10,000:1	10,000:1	10,000:1	10,000:1
Resolution native/maximum*2	WUXGA (1,920 x 1,200)	SXGA+ (1,400 x 1,050)/WUXGA (1,920 x 1,200)	WXGA (1,366 x 768)/WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)
Screen size (diagonal)*3	1.78-25.4 m (70-1,000 inches)*7	1.78-25.4 m (70-1,000 inches)*7	1.78-25.4 m (70-1,000 inches)*7	1.78-25.4 m (70-1,000 inches)*7
Lens shift*4	Vertical: ±55 %*8, horizontal: ±20 %*8 (powered)	Vertical: ±50 %*12, horizontal: ±30 %*12 (powered)	Vertical: ±70 %*13, horizontal: ±30 %*13 (powered)	Vertical: ±55 %*15, horizontal: ±20 %*15 (powered)

Interface

	PT-DZ13K	**PT-DS12K**	**PT-DW11K**	**PT-DZ10K**
Terminals	SDI in [BNC x 2 (3G/HD/SD-SDI x 1, HD/SD-SDI x 1)] 3D SYNC in/out [BNC x 1 (3D timing signal)] 3D SYNC out [BNC x 1 (3D timing signal)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [BNC x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1]	SDI in [BNC x 2 (3G/HD/SD-SDI x 1, HD/SD-SDI x 1)] 3D SYNC in/out [BNC x 1 (3D timing signal)] 3D SYNC out [BNC x 1 (3D timing signal)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [BNC x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1]	3D SYNC in/out [BNC x 1 (3D timing signal)] 3D SYNC out [BNC x 1 (3D timing signal)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [BNC x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1]	SDI in [BNC x 1 (3G/HD/SD-SDI x 1)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [BNC x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1]

General

	PT-DZ13K	**PT-DS12K**	**PT-DW11K**	**PT-DZ10K**
Power supply	120 V AC, 9.3 A, 50/60 Hz, 220-240 V AC, 5 A, 50/60 Hz	120 V AC, 9.1 A, 50/60 Hz 220-240 V AC, 4.8 A, 50/60 Hz	120 V AC, 9.1 A, 50/60 Hz 220-240 V AC, 4.8 A, 50/60 Hz	120 V AC, 9 A, 50/60 Hz 220-240 V AC, 4.7 A, 50/60 Hz
Power consumption	1,000 W (120 V AC)/970 W (220-240 V AC)	980 W (120 V AC)/950 W (220-240 V AC)	980 W (120 V AC)/950 W (220-240 V AC)	925 W (120 V AC)/900 W (220-240 V AC)
BTU value	120 V: 3,413 BTU / 220–240 V: 3,311 BTU	120 V: 3,345 BTU / 220–240 V: 3,242 BTU	120 V: 3,345 BTU / 220–240 V: 3,242 BTU	120 V: 3,157 BTU / 220–240 V: 3,072 BTU
Operation noise	45 dB (HIGH)/43 dB (MIDDLE)/37 dB (ECO)	45 dB (HIGH)/43 dB (MIDDLE)/37 dB (ECO)	45 dB (HIGH)/43 dB (MIDDLE)/37 dB (ECO)	43 dB (NORMAL)/37 dB (ECO)
Dimensions (W x H x D)	530 x 200*9 x 548.5 mm*10 (20-7/8 x 7-7/8*9 x 21-19/32 inches)*10	530 x 200*9 x 548.5 mm*10 (20-7/8 x 7-7/8*9 x 21-19/32 inches)*10	530 x 200*9 x 548.5 mm*10 (20-7/8 x 7-7/8*9 x 21-19/32 inches)*10	530 x 200*9 x 548.5 mm*10 (20-7/8 x 7-7/8*9 x 21-19/32 inches)*10
Weight*5	Approx. 24 kg/52.9 lbs	Approx. 24 kg/52.9 lbs	Approx. 24 kg/52.9 lbs	Approx. 24 kg/52.9 lbs

Features

	PT-DZ13K	**PT-DS12K**	**PT-DW11K**	**PT-DZ10K**
Filter	Eco Filter	Eco Filter	Eco Filter	Eco Filter
Edge Blending	Yes	Yes	Yes	Yes
Geometric Adjustment	Yes (Optional upgrade kit available)	Yes (Optional upgrade kit available)	–	Yes
Multi-Unit Brightness Control	Yes	Yes	Yes	Yes
Portrait mode	Yes*6	Yes*6	Yes*6	Yes*6
Daylight View	System Daylight View 2	System Daylight View 2	System Daylight View 2	System Daylight View 2
Detail Clarity Processor	Detail Clarity Processor 3	Detail Clarity Processor 3	Detail Clarity Processor 3	Detail Clarity Processor 3
DICOM Simulation Mode	Yes	Yes	Yes	Yes
P-in-P	Yes	Yes	Yes	Yes

Accessory

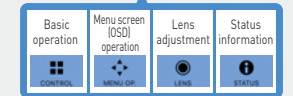|	**PT-DZ13K**	**PT-DS12K**	**PT-DW11K**	**PT-DZ10K**
Replacement lamp	ET-LAD310A/ET-LAD310AW ET-LAD320P/ET-LAD320PW (for portrait mode)	ET-LAD310A/ET-LAD310AW ET-LAD320P/ET-LAD320PW (for portrait mode)	ET-LAD310A/ET-LAD310AW ET-LAD320P/ET-LAD320PW (for portrait mode)	ET-LAD310A/ET-LAD310AW ET-LAD320P/ET-LAD320PW (for portrait mode)
Optional accessories	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PAD310 (Attachment for ceiling mount bracket) ET-PFD310 (Frame) ET-EMF320 (Replacement filter unit) ET-SFD320 (Smoke cut filter) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P*11 (Auto Screen Adjustment Upgrade Kit)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PAD310 (Attachment for ceiling mount bracket) ET-PFD310 (Frame) ET-EMF320 (Replacement filter unit) ET-SFD320 (Smoke cut filter) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P*11 (Auto Screen Adjustment Upgrade Kit)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PAD310 (Attachment for ceiling mount bracket) ET-PFD310 (Frame) ET-EMF320 (Replacement filter unit) ET-SFD320 (Smoke cut filter)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PAD310 (Attachment for ceiling mount bracket) ET-PFD310 (Frame) ET-EMF320 (Replacement filter unit) ET-SFD320 (Smoke cut filter) ET-CUK10/CUK10P*11 (Auto Screen Adjustment Upgrade Kit)
Optional lens	Yes (please see the Optional Lenses page: P47)	Yes (please see the Optional Lenses page: P47)	Yes (please see the Optional Lenses page: P47)	Yes (please see the Optional Lenses page: P47)
Standard accessories	Power cord, wireless/wired remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord, wireless/wired remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord, wireless/wired remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord, wireless/wired remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)

SOFTWARE

NEW

Smart Projector Control

Supported projector: PT-RQ32K/RZ31K/RS30K

Smart Projector Control is an application for a smartphone that enables the operation of Panasonic projectors. By installing Smart Projector Control in your iPhone or Android device and connecting the device via wireless LAN (Wi-Fi) to a network connected with Panasonic projectors, you can operate the projectors and check their status using your iPhone or Android device.

Advantages

● Basic, frequently used operations, such as turning the power ON/OFF and adjusting the lens, can be done just like using a remote control.

● Multiple projectors* can be operated simultaneously, and the status of a selected projector can be checked.
*Up to 64 projectors can be registered.

● A detailed screen of projectors registered in Early Warning Software can be displayed.

Basic operation	Menu screen (OSD) operation	Lens adjustment	Status information
CONTROL	MENU OP	LENS	STATUS

This application can be downloaded for free from the App Store (iOS version) or Google Play (Android version).

For more information, please visit the website.
for iOS: **for Android:**

---

*1: When the projector is in landscape orientation. The usage environment affects the lamp replacement cycle. *2: Input signals that exceed the native resolution will be converted to the native resolution. *3: The screen size is that of the original aspect ratio. *4: The lens shift cannot be used or its range of operation is limited with a fixed-focus lens. *5: Average value. Each product has an individual variable in weight. *6: Mounting the optional lamp unit for portrait mode and updating the projector's firmware to MAIN Ver. 2.00 or later are required.

*7: 1.78-15.24 m (70-600 inches) with the ET-D75LE8. 3.05-15.24 m (120 -600 inches) with the ET-D75LE95. *8: Vertical ±44 % and horizontal ±15 % with the ET-D75LE6. *9: Height: with legs at shortest position. *10: Depth: lens not included. *11: Available for use worldwide except in the United States. *12: Vertical ±40 % and horizontal ±20 % with the ET-D75LE6. *13: Vertical ±60 % and horizontal ±20 % with the ET-D75LE6. *14: ET-UK20 is unavailable. *15: Vertical ±44 % and horizontal ±15 % with the ET-D75LE6.

Large-Venue

		PT-**EX16K**	PT-**EX12K**
		LCD Projector — 16,000 lm — XGA — Pure Color Control — * Lens sold separately.	LCD Projector — 13,000 lm — XGA — Pure Color Control — * Lens sold separately.
Optical	Panel type	46 mm (1.8 inches) LCD x 3	46 mm (1.8 inches) LCD x 3
	Aspect ratio	4:3	4:3
	Lamp	380 W UHM x 4	380 W UHM x 2
	Lamp Life[*1]	2,000 hours (NORMAL)/3,000 hours (ECO1, ECO2)	2,000 hours (NORMAL)/3,000 hours (ECO1, ECO2)
	Brightness	16,000 lm	13,000 lm
	Contrast (full on/full off)	2,500:1	4,000:1
	Resolution native/maximum[*2]	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)
	Screen size (diagonal)[*3]	1.02-15.24 m (40-600 inches)[*6]	1.02-15.24 m (40-600 inches)[*6]
	Lens shift[*4]	Vertical: ±39 %[*7], horizontal: ±10 %[*7] (powered)	Vertical: ±39 %[*7], horizontal: ±10 %[*7] (powered)
Interface	Terminals	DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB in [D-sub HD 15-pin x 1 (RGB x 1)] RGB in [BNC x 5 (RGB/YPBPR/YCBCR x 1)] S-Video in [Mini-DIN 4-pin x 1] Serial in [D-sub 9-pin x 1 (RS-232C x 1)] Serial out [D-sub 9-pin x 1 (RS-232C x 1)] Remote 1 in [M3 x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] USB [USB type-B x 1] Optional board slot [Slot x 2]	DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB in [D-sub HD 15-pin x 1 (RGB x 1)] RGB in [BNC x 5 (RGB/YPBPR/YCBCR x 1)] S-Video in [Mini-DIN 4-pin x 1] Serial in [D-sub 9-pin x 1 (RS-232C x 1)] Serial out [D-sub 9-pin x 1 (RS-232C x 1)] Remote 1 in [M3 x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] USB [USB type-B x 1] Optional board slot [Slot x 2]
General	Power supply	200-240 V AC, 11 A, 50/60 Hz	100-240 V AC, 11 A, 50/60 Hz
	Power consumption	1,850 W	940 W
	BTU value	Max. 6,312 BTU	Max. 3,207 BTU
	Operation noise	51 dB (NORMAL, ECO2)/48 dB (ECO1)	42 dB (NORMAL, ECO2)/39 dB (ECO1)
	Dimensions (W x H x D)	650 x 349[*8] x 815 mm[*9] (25-19/32 x 13-3/4[*8] x 32-3/32 inches)[*9]	538.5 x 268[*8] x 757 mm[*9] (21-7/32 x 10-9/16[*8] x 29-3/16 inches)[*9]
	Weight[*5]	Approx. 46.5 kg/102.5 lbs	Approx. 28 kg/61.7 lbs
Features	Filter	Pleated Air Filter	Eco Filter
	Edge Blending	Yes	Yes
	Geometric Adjustment	-	-
	Multi-Unit Brightness Control	-	-
	Portrait mode	-	-
	Daylight View	-	-
	Detail Clarity Processor	-	-
	DICOM Simulation Mode	-	-
	P-in-P	-	-
Accessory	Replacement lamp	ET-LAE16	ET-LAE12
	Optional accessories	ET-PKE16H (High ceiling mount bracket) ET-PKE16S (Low ceiling mount bracket) ET-PKE16B (Bracket assembly) ET-MD16SD1 (HD-SDI/SD-SDI board) ET-SFE16 (Smoke cut filter unit) ET-RFE16 (Replacement filter unit)	ET-PKE16H (High ceiling mount bracket) ET-PKE16S (Low ceiling mount bracket) ET-PKE12B (Bracket assembly) ET-MD16SD1 (HD-SDI/SD-SDI board) ET-RFE12 (Replacement filter unit)
	Optional lens	Yes (please see the Optional Lenses page: P47)	Yes (please see the Optional Lenses page: P47)
	Standard accessories	Power cord, wireless/wired remote control unit, batteries for remote control unit, computer cable, lens attachment, lens lock lever fixing bracket, lightshielding plate, spacer, cable tie, CD-ROM[*10]	Power cord, wireless/wired remote control unit, batteries for remote control unit, computer cable, lens attachment, lens lock lever fixing bracket, lightshielding plate, spacer, cable tie, CD-ROM[*10]

*1: When the projector is in landscape orientation. The usage environment affects the lamp replacement cycle. *2: Input signals that exceed the native resolution will be converted to the native resolution. *3: The screen size is that of the original aspect ratio. *4: The lens shift cannot be used or its range of operation is limited with a fixed-focus lens. *5: Average value. Each product has an individual variable in weight. *6: 2.54–15.24 m (100–600 inches) with the ET-ELS03. *7: Vertical ±39 % with the ET-ELW06, and vertical ±50% and horizontal ±10 % with the ET-ELS02. *8: Height: with legs at shortest position. *9: Depth: lens not included. *10: CD-ROM includes Logo Transfer Software, Multi Projector Monitoring and Control Software, and Real Color Manager Pro.

Panasonic Projectors at Work in a Variety of Fields and Locations

CASE STUDIES

Events / Rental Staging

i Light Marina Bay 2016

The fourth edition of iLight Marina Bay kicked off featuring 25 innovative and environmentally sustainable light art installations. Among a number of spectacular showcases, Panasonic projectors supported prominent artwork in Asia's leading light art festival.

Equipment installed:
3-Chip DLP™ Projector
PT-DZ21K

http://panasonic.net/avc/projector/casestudies/064.html

Events / Rental Staging

Moscow International Festival "Circle of Light"

Moscow's iconic cityscape was transformed into a spectacular illumination. Panasonic projectors strongly supported the festival and set a Guinness world record for the "Largest Projected Image."

Equipment installed:
3-Chip DLP™ Projector
PT-DZ21K2/DS20K2, PT-DZ21K/DS20K

http://panasonic.net/avc/projector/casestudies/055.html

Museum / Exhibition

Kennedy Center's Washington National Opera

The Kennedy Center's Washington National Opera put on a complete Ring Cycle performance.
Panasonic projectors have the perfect balance of brightness, compactness, and powerful software for stage productions.

Equipment installed:
3-Chip DLP™ Projector
PT-DZ21K, PT-DZ13K

http://panasonic.net/avc/projector/casestudies/073.html

Education /Training

Queensland University of Technology

Queensland University of Technology upgraded the existing projectors of The Forum to PT-RZ12K models for compatibility with a 3D screen. The Cube was also upgraded to PT-RQ13K models to enable 8K projection.

Equipment installed:
3-Chip DLP™ Projector   1-Chip DLP™ projector
PT-RQ13K, PT-RZ12K   **PT-RZ670**

http://panasonic.net/avc/projector/casestudies/074.html

For more information about case studies of Panasonic projectors, please visit the website.
>>> panasonic.net/avc/projector/casestudies/

Installation

		PT-RZ970 / PT-RZ970L[*6]	PT-RW930 / PT-RW930L[*6]	PT-RX110 / PT-RX110L[*6]	PT-RZ770 / PT-RZ770L[*6]	PT-RW730 / PT-RW730L[*6]
		1-Chip DLP™ Projector	1-Chip DLP™ Projector	1-Chip DLP™ Projector	1-Chip DLP™ Projector	1-Chip DLP™ Projector
		10,000 lm (Center)[*7]/9,400 lm WUXGA	10,000 lm (Center)[*7]/9,400 lm WXGA	10,400 lm (Center)[*7]/10,000 lm XGA	7,200 lm (Center)[*7]/7,000 lm WUXGA	7,200 lm (Center)[*7]/7,000 lm WXGA
		* Available in black/white cabinet.	* Available in black/white cabinet.	* Available in black/white cabinet.	* Available in black/white cabinet.	* Available in black/white cabinet.
Optical	Panel type	17.0 mm (0.67 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1	17.8 mm (0.7 inches) DLP™ chip x 1	17.0 mm (0.67 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1
	Aspect ratio	16:10	16:10	4:3	16:10	16:10
	Light source	Laser diode	Laser diode	Laser diode	Laser diode	Laser diode
	Light source life[*1]	20,000 hours (NORMAL)/24,000 hours (ECO)/ 43,000 hours (LONG LIFE1)/61,000 hours (LONG LIFE2)/ 87,000 hours (LONG LIFE3)	20,000 hours (NORMAL)/24,000 hours (ECO)/ 43,000 hours (LONG LIFE1)/61,000 hours (LONG LIFE2)/ 87,000 hours (LONG LIFE3)	20,000 hours (NORMAL)/24,000 hours (ECO)/ 43,000 hours (LONG LIFE1)/61,000 hours (LONG LIFE2)/ 87,000 hours (LONG LIFE3)	20,000 hours (NORMAL)/24,000 hours (ECO)/ 43,000 hours (LONG LIFE1)/61,000 hours (LONG LIFE2)/ 87,000 hours (LONG LIFE3)	20,000 hours (NORMAL)/24,000 hours (ECO)/ 43,000 hours (LONG LIFE1)/61,000 hours (LONG LIFE2)/ 87,000 hours (LONG LIFE3)
	Brightness	10,000 lm (Center)[*7] / 9,400 lm	10,000 lm (Center)[*7] / 9,400 lm	10,400 lm (Center)[*7] / 10,000 lm	7,200 lm (Center)[*7] / 7,000 lm	7,200 lm (Center)[*7] / 7,000 lm
	Lens (throw ratio)	F 1.7-1.9, f 25.6-35.7 mm (1.7-2.4:1) (PT-RZ970)	F 1.7-1.9, f 25.6-35.7 mm (1.8-2.5:1) (PT-RW930)	F 1.7-1.9, f 25.6-35.7 mm (1.8-2.5:1) (PT-RX110)	F 1.7-1.9, f 25.6-35.7 mm (1.7-2.4:1) (PT-RZ770)	F 1.7-1.9, f 25.6-35.7 mm (1.8-2.5:1) (PT-RW730)
	Contrast (full on/full off)	10,000:1	10,000:1	10,000:1	10,000:1	10,000:1
	Resolution native/maximum[*2]	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)
	Screen size (diagonal)[*3]	1.27-15.24 m (50-600 inches)[*8]	1.27-15.24 m (50-600 inches)[*8]	1.27-15.24 m (50-600 inches)[*8]	1.27-15.24 m (50-600 inches)[*8]	1.27-15.24 m (50-600 inches)[*8]
	Lens shift[*4]	Vertical: +50 %/-16 %, horizontal: +30 %[*9]/-10 % (powered)	Vertical: +60 %/-16 %, horizontal: +30 %[*9]/-10 % (powered)	Vertical: +50 %/-13 %[*14], horizontal: +30 %[*9]/-10 % (powered)	Vertical: +50 %/-16 %, horizontal: +30 %[*9]/-10 % (powered)	Vertical: +60 %/-16 %, horizontal: +30 %[*9]/-10 % (powered)
Interface	Terminals	SDI in [BNC x 1 (3G/HD/SD-SDI x 1)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR/YC/video x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Serial/Multi Projector Sync in [D-sub 9-pin x 1 (RS-232C)] Serial/Multi Projector Sync out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR/YC/video x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Serial/Multi Projector Sync in [D-sub 9-pin x 1 (RS-232C)] Serial/Multi Projector Sync out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR/YC/video x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Serial/Multi Projector Sync in [D-sub 9-pin x 1 (RS-232C)] Serial/Multi Projector Sync out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	SDI in [BNC x 1 (3G/HD/SD-SDI x 1)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR/YC/video x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Serial/Multi Projector Sync in [D-sub 9-pin x 1 (RS-232C)] Serial/Multi Projector Sync out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR/YC/video x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Serial/Multi Projector Sync in [D-sub 9-pin x 1 (RS-232C)] Serial/Multi Projector Sync out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]
General	Power supply	100-240 V AC, 9.0-4.0 A, 50/60 Hz	100-240 V AC, 9.0-4.0 A, 50/60 Hz	100-240 V AC, 9.0-4.0 A, 50/60 Hz	100-240 V AC, 9.0-4.0 A, 50/60 Hz	100-240 V AC, 9.0-4.0 A, 50/60 Hz
	Power consumption	1,050 W	1,050 W	1,050 W	825 W	825 W
	BTU value	Max. 3,584 BTU	Max. 3,584 BTU	Max. 3,584 BTU	Max. 2,815 BTU	Max. 2,815 BTU
	Operation noise	41dB (NORMAL)/37dB (QUIET1)/35dB (QUIET2)	41dB (NORMAL)/37dB (QUIET1)/35dB (QUIET2)	41dB (NORMAL)/37dB (QUIET1)/35dB (QUIET2)	36 dB	36 dB
	Dimensions (W x H x D)	498 x 200[*10] x 581 mm[*11] (19-19/32 x 7-7/8[*10] x 22-7/8 inches)[*11]	498 x 200[*10] x 581 mm[*11] (19-19/32 x 7-7/8[*10] x 22-7/8 inches)[*11]	498 x 200[*10] x 581 mm[*11] (19-19/32 x 7-7/8[*10] x 22-7/8 inches)[*11]	498 x 200[*10] x 581 mm[*11] (19-19/32 x 7-7/8[*10] x 22-7/8 inches)[*11]	498 x 200[*10] x 581 mm[*11] (19-19/32 x 7-7/8[*10] x 22-7/8 inches)[*11]
	Weight[*5]	Approx. 23.2 kg/51.1 lbs (PT-RZ970L: approx. 22.4 kg/49.4 lbs)	Approx. 23.2 kg/51.1 lbs (PT-RW930L: approx. 22.4 kg/49.4 lbs)	Approx. 23.2 kg/51.1 lbs (PT-RX110L: approx. 22.4 kg/49.4 lbs)	Approx. 23.2 kg/51.1 lbs (PT-RZ770L: approx. 22.4 kg/49.4 lbs)	Approx. 23.2 kg/51.1 lbs (PT-RW730L: approx. 22.4 kg/49.4 lbs)
Features	Filter	Filter-free	Filter-free	Filter-free	Filter-free	Filter-free
	Maintenance-free duration	20,000 hours[*1]	20,000 hours[*1]	20,000 hours[*1]	20,000 hours[*1]	20,000 hours[*1]
	Edge Blending	Yes	Yes	Yes	Yes	Yes
	Geometric Adjustment	Yes (Optional upgrade kit available)	Yes	Yes	Yes (Optional upgrade kit available)	Yes
	Portrait mode	Yes (360-degree free installation capability)	Yes (360-degree free installation capability)	Yes (360-degree free installation capability)	Yes (360-degree free installation capability)	Yes (360-degree free installation capability)
	Contrast Sync and Shutter Sync	Yes	Yes	Yes	Yes	Yes
	Daylight View	System Daylight View 3	System Daylight View 3	System Daylight View 3	System Daylight View 3	System Daylight View 3
	Detail Clarity Processor	Detail Clarity Processor 3	Detail Clarity Processor 3	Detail Clarity Processor 3	Detail Clarity Processor 3	Detail Clarity Processor 3
	DICOM Simulation Mode	Yes	Yes	Yes	Yes	Yes
	P-in-P	Yes	Yes	Yes	Yes	Yes
Accessory	Optional accessories	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P[*12] (Auto Screen Adjustment Upgrade Kit)	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P[*12] (Auto Screen Adjustment Upgrade Kit)	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)
	Optional lens	Yes (please see the Optional Lenses page: P47)	Yes (please see the Optional Lenses page: P47)	Yes (please see the Optional Lenses page: P47)	Yes (please see the Optional Lenses page: P47)	Yes (please see the Optional Lenses page: P47)
	Standard accessories	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM[*13]	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM[*13]	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM[*13]	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM[*13]	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM[*13]

*1: At this time the brightness would have decreased to approximately 1/2 of its original level. After approximately 20,000 hours, cleaning needs to be performed (by the vendor which you purchased from). The light source's lifetime may be shortened due to environmental conditions and operating mode. *2: Input signals that exceed the native resolution will be converted to the native resolution. *3: The screen size is that of the original aspect ratio. *4: The lens shift cannot be used with a fixed-focus lens. *5: Average value. Each product has an individual variable in weight. *6: Lens-less model.

*7: Luminance measured at center of screen. *8: 1.27-5.08 m (50-200 inches) with the ET-DLE055. 2.54-7.62 m (100-350 inches) with the ET-DLE030. *9: Horizontal +28% with the ET-DLE085. *10: Height: with legs at shortest position. *11: Depth: including the supplied lens. Depth: 538 mm (21-3/16 inches) for the lens-less models. *12: Available for use worldwide except in the United States. *13: CD-ROM includes Logo Transfer Software and Multi Monitoring and Control Software. *14: Vertical +45 %/-13 % with the ET-DLE085.

Installation

		PT-RZ660 / PT-RZ660L*6	PT-RW620 / PT-RW620L*6	PT-RZ570	PT-RZ575
		1-Chip DLP™ Projector	1-Chip DLP™ Projector	1-Chip DLP™ Projector	1-Chip DLP™ Projector
		6,200 lm (Center)*7/6,000 lm WUXGA Geo. Pro	6,200 lm (Center)*7/6,000 lm WXGA	5,400 lm (Center)*7/5,200 lm WUXGA	5,200 lm (Center)*7/5,000 lm WUXGA
		* Available in black/white cabinet.	* Available in black/white cabinet.		* Available in black/white cabinet.
Optical	Panel type	17.0 mm (0.67 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1	17.0 mm (0.67 inches) DLP™ chip x 1	17.0 mm (0.67 inches) DLP™ chip x 1
	Aspect ratio	16:10	16:10	16:10	16:10
	Light source	Laser diode	Laser diode	Laser diode	Laser diode
	Light source life*1	20,000 hours (NORMAL)/24,000 hours (ECO)/ 43,000 hours (LONG LIFE1)/61,000 hours (LONG LIFE2)/ 87,000 hours (LONG LIFE3)	20,000 hours (NORMAL)/24,000 hours (ECO)/ 43,000 hours (LONG LIFE1)/61,000 hours (LONG LIFE2)/ 87,000 hours (LONG LIFE3)	20,000 hours (NORMAL, SILENT)/ 24,000 hours (ECO)	20,000 hours (NORMAL, SILENT)/24,000 hours (ECO)/ 43,000 hours (LONG LIFE1)/61,000 hours (LONG LIFE2)/ 87,000 hours (LONG LIFE3)
	Brightness	6,200 lm (Center)*7 / 6,000 lm	6,200 lm (Center)*7 / 6,000 lm	5,400 lm (Center)*7 / 5,200 lm	5,200 lm (Center)*7 / 5,000 lm
	Lens (throw ratio)	F 1.7-1.9, f 25.6-35.7 mm (1.7-2.4:1) (PT-RZ660)	F 1.7-1.9, f 25.6-35.7 mm (1.8-2.5:1) (PT-RW620)	F 2.0-3.4, f 21.5-43.0 mm (1.46-2.94:1)	F 1.75, f 11.9 mm (0.8:1)
	Contrast (full on/full off)	10,000:1	10,000:1	20,000:1	20,000:1
	Resolution native/maximum*2	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)
	Screen size (diagonal)*3	1.27-15.24 m (50-600 inches)*8	1.27-15.24 m (50-600 inches)*8	1.02-7.62 m (40-300 inches)	1.02-7.62 m (40-300 inches)
	Lens shift*4	Vertical: +50 %/-16 %, horizontal: +30 %*9/-10 % (powered)	Vertical: +60 %/-16 %, horizontal: +30 %*9/-10 % (powered)	Vertical: +64 %/-44 %, horizontal: +34 %/-27 % (manual)	Vertical: ±4.4 %, horizontal: ±2.1 % (powered)
Interface	Terminals	SDI in [BNC x 1 (3G/HD/SD-SDI x 1)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR/YC/video x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Serial/Multi Projector Sync in [D-sub 9-pin x 1 (RS-232C)] Serial/Multi Projector Sync out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR/YC/video x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Serial/Multi Projector Sync in [D-sub 9-pin x 1 (RS-232C)] Serial/Multi Projector Sync out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] Computer 1 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR/YC x 1)] Computer 2 in/1 out [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [Pin jack x 1] Audio in 1 [Pin jack x 2 (L x 1, R x 1)] Audio in 2/3 [M3 x 2 (L-R x 2)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1] USB [USB type-A x 1]	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] Computer 1 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR/YC x 1)] Computer 2 in/1 out [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [Pin jack x 1] Audio in 1 [Pin jack x 2 (L x 1, R x 1)] Audio in 2/3 [M3 x 2 (L-R x 2)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1] USB [USB type-A x 1]
General	Power supply	100-240 V AC, 9.0-4.0 A, 50/60 Hz	100-240 V AC, 9.0-4.0 A, 50/60 Hz	100-240 V AC, 5.9-2.3 A, 50/60 Hz	100-240 V AC, 5.9-2.3 A, 50/60 Hz
	Power consumption	700 W	700 W	500 W	500 W
	BTU value	Max 2,389 BTU	Max 2,389 BTU	Max 1,706 BTU	Max 1,706 BTU
	Operation noise	35 dB	35 dB	33 dB (NORMAL, ECO)/28 dB (SILENT)	33 dB (NORMAL, ECO)/28 dB (SILENT)
	Dimensions (W x H x D)	498 x 200*10 x 581 mm*11 (19-19/32 x 7-7/8*10 x 22-7/8 inches)*11	498 x 200*10 x 581 mm*11 (19-19/32 x 7-7/8*10 x 22-7/8 inches)*11	498 x 168*10 x 492 mm (19-19/32 x 6-5/8*10 x 19-3/8 inches)	498 x 168*10 x 481 mm (19-19/32 x 6-5/8*10 x 18-15/16 inches)
	Weight*5	Approx. 23.1 kg/50.9 lbs (PT-RZ660L: approx. 22.3 kg/49.2 lbs)	Approx. 23.1 kg/50.9 lbs (PT-RW620L: approx. 22.3 kg/49.2 lbs)	Approx. 16.3 kg/35.9 lbs	Approx. 16.6 kg/36.6 lbs
Features	Filter	Filter-free	Filter-free	Filter-free	Filter-free
	Maintenance-free duration	20,000 hours*1	20,000 hours*1	20,000 hours*1	20,000 hours*1
	Edge Blending	Yes	Yes	Yes	Yes
	Geometric Adjustment	Yes (Optional upgrade kit available)	Yes	-	-
	Portrait mode	Yes (360-degree free installation capability)	Yes (360-degree free installation capability)	Yes (360-degree free installation capability)	Yes (360-degree free installation capability)
	Contrast Sync and Shutter Sync	Yes	Yes	-	-
	Daylight View	System Daylight View 3	System Daylight View 3	Daylight View Basic	Daylight View Basic
	Detail Clarity Processor	Detail Clarity Processor 3	Detail Clarity Processor 3	Detail Clarity Processor 3	Detail Clarity Processor 3
	DICOM Simulation Mode	Yes	Yes	Yes	Yes
	P-in-P	Yes	Yes	Yes	Yes
Accessory	Optional accessories	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P*12 (Auto Screen Adjustment Upgrade Kit)	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)
	Optional lens	Yes (please see the Optional Lenses page: P47)	Yes (please see the Optional Lenses page: P47)	-	-
	Standard accessories	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*13	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*13	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*13	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*13

*1: At this time the brightness would have decreased to approximately 1/2 of its original level. After approximately 20,000 hours, cleaning needs to be performed (by the vendor which you purchased from). The light source's lifetime may be shortened due to environmental conditions and operating mode. *2: Input signals that exceed the native resolution will be converted to the native resolution. *3: The screen size is that of the original aspect ratio. *4: The lens shift cannot be used with a fixed-focus lens. *5: Average value. Each product has an individual variable in weight.

*6: Lens-less model. *7: Luminance measured at center of screen. *8: 1.27-5.08 m (50-200 inches) with the ET-DLE055. 2.54-7.62 m (100-350 inches) with the ET-DLE030. *9: Horizontal +28% with the ET-DLE085. *10: Height: with legs at shortest position. *11: Depth: including the supplied lens. Depth: 538 mm (21-3/16 inches) for the lens-less models. *12: Available for use worldwide except in the United States. *13: CD-ROM includes Logo Transfer Software and Multi Monitoring and Control Software.

CASE STUDIES

Surveillance System

Kumamoto Prefectural Police Department (Traffic Control Center)

The traffic control center installed two multi-screen systems. The systems were configured with Panasonic PT-RZ670 1-Chip DLP™ laser projectors with ET-DLE055 zoom lens, twenty 72-inch displays, and four 65-inch displays.

Equipment installed:
1-Chip DLP™ projector
PT-RZ670
http://panasonic.net/avc/projector/casestudies/072.html

Surveillance System

Niigata Prefectural Police Department (Traffic Control Center)

The traffic control center monitors traffic conditions in the prefecture and controls traffic flows to maintain a safe and smooth flow of vehicles. The center has recently renovated the information display system by replacing the existing display system with Panasonic's 16-screen multi-vision projection system.

Equipment installed:
1-Chip DLP™ projector
PT-RZ475
http://panasonic.net/avc/projector/casestudies/053.html

Installation

	PT-RZ475	PT-RZ470	PT-RW430	PT-RZ370	PT-RW330
	SOLID SHINE / DIGITAL LINK / 3D PROFESSIONAL	SOLID SHINE / DIGITAL LINK / 3D PROFESSIONAL	SOLID SHINE / DIGITAL LINK / 3D PROFESSIONAL	SOLID SHINE / DIGITAL LINK	SOLID SHINE / DIGITAL LINK
	1-Chip DLP™ Projector / 3,000 lm / Full HD / Portrait / 24/7 operation	1-Chip DLP™ Projector / 3,500 lm / Full HD / Portrait / 24/7 operation * Available in black/white cabinet.	1-Chip DLP™ Projector / 3,500 lm / WXGA / Portrait / 24/7 operation * Available in black/white cabinet.	1-Chip DLP™ Projector / 3,500 lm / Full HD / 24/7 operation	1-Chip DLP™ Projector / 3,500 lm / WXGA / 24/7 operation

Optical

	PT-RZ475	PT-RZ470	PT-RW430	PT-RZ370	PT-RW330
Panel type	16.5 mm (0.65 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1
Aspect ratio	16:9	16:9	16:10	16:9	16:10
Light source	LED/Laser-combined (R, B: LED; G: Laser diode)	LED/Laser-combined (R, B: LED; G: Laser diode)	LED/Laser-combined (R, B: LED; G: Laser diode)	LED/Laser-combined (R, B: LED; G: Laser diode)	LED/Laser-combined (R, B: LED; G: Laser diode)
Light source life[*1]	27,000 hours (NORMAL)/61,000 hours (ECO1)/87,000 hours (ECO2)	20,000 hours	20,000 hours	20,000 hours	20,000 hours
Brightness	3,000 lm	3,500 lm	3,500 lm	3,500 lm	3,500 lm
Lens (throw ratio)	F 1.8, f 11.9 mm (0.8:1)	F 2.0-3.4, f 21.5-43.0 mm (1.46-2.94:1)	F 2.0-3.4, f 21.5-43.0 mm (1.53-3.09:1)	F 2.0-3.4, f 21.5-43.0 mm (1.46-2.94:1)	F 2.0-3.4, f 21.5-43.0 mm (1.53-3.09:1)
Contrast (full on/full off)	20,000:1	20,000:1	20,000:1	10,000:1	10,000:1
Resolution native/maximum[*2]	Full HD (1,920 x 1,080)/WUXGA (1,920 x 1,200)	Full HD (1,920 x 1,080)/WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	Full HD (1,920 x 1,080)/WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)
Screen size (diagonal)[*3]	1.02-5.08 m (40-200 inches)	1.02-7.62 m (40-300 inches)	1.02-7.62 m (40-300 inches)	1.02-7.62 m (40-300 inches)	1.02-7.62 m (40-300 inches)
Lens shift	Vertical: ±10 %, horizontal: ±3.4 % (manual)	Vertical: +73 %/-48 %, horizontal: +35 %/-27 % (manual)	Vertical: +69 %/-46 %, horizontal: +37 %/-28 % (manual)	Vertical: +73 %/-48 %, horizontal: +35 %/-27 % (manual)	Vertical: +69 %/-46 %, horizontal: +37 %/-28 % (manual)

Interface

	PT-RZ475	PT-RZ470	PT-RW430	PT-RZ370	PT-RW330
Terminals	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-I in [DVI-I 29-pin x 1 (Digital: HDCP compatible) (Analog: RGB/YPBPR/YCBCR x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [Pin jack x 1] Audio in [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1] 3D SYNC out [Mini Din 3pin x 1 (for 3D Transmitter connection)]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-I in [DVI-I 29-pin x 1 (Digital: HDCP compatible) (Analog: RGB/YPBPR/YCBCR x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [Pin jack x 1] Audio in [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1] 3D SYNC out [Mini Din 3pin x 1 (for 3D Transmitter connection)]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-I in [DVI-I 29-pin x 1 (Digital: HDCP compatible) (Analog: RGB/YPBPR/YCBCR x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [Pin jack x 1] Audio in [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1] 3D SYNC out [Mini Din 3pin x 1 (for 3D Transmitter connection)]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-I in [DVI-I 29-pin x 1 (Digital: HDCP compatible) (Analog: RGB/YPBPR/YCBCR x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [Pin jack x 1] Audio in [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-I in [DVI-I 29-pin x 1 (Digital: HDCP compatible) (Analog: RGB/YPBPR/YCBCR x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [Pin jack x 1] Audio in [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1]

General

	PT-RZ475	PT-RZ470	PT-RW430	PT-RZ370	PT-RW330
Power supply	100-240 V AC, 5.0-1.8 A, 50/60 Hz	100-240 V AC, 5.2-2.0 A, 50/60 Hz	100-240 V AC, 5.2-2.0 A, 50/60 Hz	100-240 V AC, 5.2-2.0 A, 50/60 Hz	100-240 V AC, 5.2-2.0 A, 50/60 Hz
Power consumption	430 W (Normal/ECO1: 230 W, ECO2: 170 W) [*5]	460 W (Normal: 250 W, ECO1: 200 W, ECO2: 178 W) [*5]	460 W (Normal: 250 W, ECO1: 200 W, ECO2: 178 W) [*5]	460 W (Normal: 250 W, ECO1: 200 W, ECO2: 178 W) [*5]	460 W (Normal: 250 W, ECO1: 200 W, ECO2: 178 W) [*5]
BTU value	Max.1,467 BTU	Max. 1,570 BTU	Max. 1,570 BTU	Max. 1,570 BTU	Max. 1,570 BTU
Operation noise	35 dB (NORMAL)	35 dB (NORMAL)/29 dB (LOW)	35 dB (NORMAL)/29 dB (LOW)	35 dB (NORMAL)/29 dB (LOW)	35 dB (NORMAL)/29 dB (LOW)
Dimensions (W x H x D)	455 x 137[*6] x 409 mm[*7] (17-29/32 x 5-13/32[*6] x 16-3/32 inches)[*7]	455 x 137[*6] x 415 mm[*7] (17-29/32 x 5-13/32[*6] x 16-11/32 inches)[*7]	455 x 137[*6] x 415 mm[*7] (17-29/32 x 5-13/32[*6] x 16-11/32 inches)[*7]	455 x 137[*6] x 415 mm[*7] (17-29/32 x 5-13/32[*6] x 16-11/32 inches)[*7]	455 x 137[*6] x 415 mm[*7] (17-29/32 x 5-13/32[*6] x 16-11/32 inches)[*7]
Weight[*4]	Approx. 11.5 kg/25.4 lbs	Approx. 11.0 kg/24.3 lbs	Approx. 11.0 kg/24.3 lbs	Approx. 11.0 kg/24.3 lbs	Approx. 11.0 kg/24.3 lbs

Features

	PT-RZ475	PT-RZ470	PT-RW430	PT-RZ370	PT-RW330
Filter	Filter-free	Filter-free	Filter-free	Filter-free	Filter-free
Maintenance-free duration	3 years (Normal)[*1]	20,000 hours[*1]	20,000 hours[*1]	20,000 hours[*1]	20,000 hours[*1]
Edge Blending	Yes	Yes	Yes	–	–
Emulation	Yes	Yes	Yes	Yes	Yes
Daylight View	Daylight View Basic	Daylight View Basic	Daylight View Basic	Daylight View Basic	Daylight View Basic
3D Ready	Yes	Yes	Yes	–	–
DICOM Simulation Mode	Yes	Yes	Yes	Yes	Yes
Portrait Mode	Yes	Yes	Yes	–	–
Audio Out During Standby	Yes	Yes	Yes	Yes	Yes

Accessory

	PT-RZ475	PT-RZ470	PT-RW430	PT-RZ370	PT-RW330
Optional accessories	ET-PKR100H (High ceiling mount bracket) ET-PKR100S (Low ceiling mount bracket) ET-PKR100P (Portrait mode mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKR100H (High ceiling mount bracket) ET-PKR100S (Low ceiling mount bracket) ET-PKR100P (Portrait mode mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKR100H (High ceiling mount bracket) ET-PKR100S (Low ceiling mount bracket) ET-PKR100P (Portrait mode mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKR100H (High ceiling mount bracket) ET-PKR100S (Low ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKR100H (High ceiling mount bracket) ET-PKR100S (Low ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)
Standard accessories	Power cord (with secure lock), wireless remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord (with secure lock), wireless remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord (with secure lock), wireless remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord (with secure lock), wireless remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord (with secure lock), wireless remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)

*1: At this time the brightness would have decreased to approximately 1/2 of its original level. After approximately 20,000 hours, cleaning needs to be performed (by the vendor which you purchased from). The light source's lifetime may be shortened due to environmental conditions and operating mode. *2: Input signals that exceed the native resolution will be converted to the native resolution.

*3: The screen size is that of the original aspect ratio. *4: Average value. Each product has an individual variable in weight. *5: In STANDARD/GRAPHIC picture mode. Measured based on the power consumption rate and a measurement method for the TV receiver. *6: Height: with legs at shortest position. *7: Depth: including the lens.

Installation

	PT-DZ870 / PT-DZ870L*6	PT-DW830 / PT-DW830L*6	PT-DX100 / PT-DX100L*6	PT-DZ780 / PT-DZ780L*6	PT-DW750 / PT-DW750L*6
	1-Chip DLP™ Projector 8,500 lm WUXGA Geo. Pro Portrait*7 *Available in black/white cabinet.	1-Chip DLP™ Projector 8,500 lm WXGA Portrait*7 *Available in black/white cabinet.	1-Chip DLP™ Projector 10,000 lm XGA Portrait*7 *Available in black/white cabinet.	1-Chip DLP™ Projector 7,000 lm WUXGA Geo. Pro *Available in black/white cabinet.	1-Chip DLP™ Projector 7,000 lm WXGA *Available in black/white cabinet.

Optical

	PT-DZ870	PT-DW830	PT-DX100	PT-DZ780	PT-DW750
Panel type	17.0 mm (0.67 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1	17.8 mm (0.7 inches) DLP™ chip x 1	17.0 mm (0.67 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1
Aspect ratio	16:10	16:10	4:3	16:10	16:10
Lamp	420 W UHM x 2	420 W UHM x 2	420 W UHM x 2	310 W UHM x 2	310 W UHM x 2
Lamp life*1	3,000 hours (Dual, NORMAL)/ 4,000 hours (Dual, ECO)	3,000 hours (Dual, NORMAL)/ 4,000 hours (Dual, ECO)	3,000 hours (Dual, NORMAL)/ 4,000 hours (Dual, ECO)	4,000 hours (Dual, NORMAL)/ 6,000 hours (Dual, ECO)	4,000 hours (Dual, NORMAL)/ 6,000 hours (Dual, ECO)
Brightness	8,500 lm	8,500 lm	10,000 lm	7,000 lm	7,000 lm
Lens (throw ratio)	F 1.7-1.9, f 25.6-35.7 mm (1.7-2.4:1) (PT-DZ870)	F 1.7-1.9, f 25.6-35.7 mm (1.8-2.5:1) (PT-DW830)	F 1.7-1.9, f 25.6-35.7 mm (1.8-2.5:1) (PT-DX100)	F 1.7-1.9, f 25.6-35.7 mm (1.7-2.4:1) (PT-DZ780)	F 1.7-1.9, f 25.6-35.7 mm (1.8-2.5:1) (PT-DW750)
Contrast (full on/full off)	10,000:1	10,000:1	10,000:1	3,000:1	3,000:1
Resolution native/maximum*2	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)
Screen size (diagonal)*3	1.27-15.24 m (50-600 inches)*8	1.27-15.24 m (50-600 inches)*8	1.27-15.24 m (50-600 inches)*8	1.27-15.24 m (50-600 inches)*8	1.27-15.24 m (50-600 inches)*8
Lens shift*4	Vertical: +50 %, horizontal: ±10 % (powered)	Vertical: +60 %, horizontal: ±10 % (powered)	Vertical: +60 %*13, horizontal: ±10 % (powered)	Vertical: +50 %/-16 %, horizontal: +30 %*14/-10 % (powered)	Vertical: +60 %/-16 %, horizontal: +30 %*14/-10 % (powered)

Interface

	PT-DZ870	PT-DW830	PT-DX100	PT-DZ780	PT-DW750
Terminals	SDI in [BNC x 1 (3G/HD/SD-SDI x 1)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [BNC x 1] 3D SYNC in/out [BNC x 1 (3D timing signal)] 3D SYNC out [BNC x 1 (3D timing signal)] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [BNC x 1] 3D SYNC in/out [BNC x 1 (3D timing signal)] 3D SYNC out [BNC x 1 (3D timing signal)] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [BNC x 1] 3D SYNC in/out [BNC x 1 (3D timing signal)] 3D SYNC out [BNC x 1 (3D timing signal)] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	SDI in [BNC x 1 (3G/HD/SD-SDI x 1)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR/YC/video x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR/YC/video x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]

General

	PT-DZ870	PT-DW830	PT-DX100	PT-DZ780	PT-DW750
Power supply	120-240 V AC, 10-5.2 A, 50/60 Hz	120-240 V AC, 10-5.2 A, 50/60 Hz	120-240 V AC, 10-5.2 A, 50/60 Hz	120 V AC, 8 A, 50/60 Hz, 220-240 V AC, 4.5 A, 50/60 Hz	120 V AC, 7.5 A, 50/60 Hz, 220-240 V AC, 4.3 A, 50/60 Hz
Power consumption	1,030 W	1,030 W	1,030 W	790 W (except Taiwan), 785 W (Taiwan)	790 W (except Taiwan), 785 W (Taiwan)
BTU value	3,516 BTU	3,516 BTU	3,516 BTU	2,696 BTU	2,696 BTU
Operation noise	40 dB (Dual, NORMAL)/35 dB (Dual, ECO)	40 dB (Dual, NORMAL)/35 dB (Dual, ECO)	40 dB (Dual, NORMAL)/35 dB (Dual, ECO)	30 dB (Dual, NORMAL)/28 dB (Dual, ECO)	30 dB (Dual, NORMAL)/28 dB (Dual, ECO)
Dimensions (W x H x D)	498 x 200*9 x 556 mm*10 (19-19/32 x 7-7/8*9 x 21-7/8 inches)*10	498 x 200*9 x 556 mm*10 (19-19/32 x 7-7/8*9 x 21-7/8 inches)*10	498 x 200*9 x 556 mm*10 (19-19/32 x 7-7/8*9 x 21-7/8 inches)*10	498 x 175*9 x 521 mm*15 (19-19/32 x 6-7/8*9 x 20-1/2 inches)*15	498 x 175*9 x 521 mm*15 (19-19/32 x 6-7/8*9 x 20-1/2 inches)*15
Weight*5	Approx. 18.3 kg/40.3 lbs (PT-DZ870L: approx. 17.6 kg/38.8 lbs)	Approx. 18.3 kg/40.3 lbs (PT-DW830L: approx. 17.6 kg/38.8 lbs)	Approx. 18.3 kg/40.3 lbs (PT-DX100L: approx. 17.6 kg/38.8 lbs)	Approx. 17.8 kg/39.2 lbs (PT-DZ780L: approx. 17 kg/37.5 lbs)	Approx. 17.8 kg/39.2 lbs (PT-DW750L: approx. 17 kg/37.5 lbs)

Features

	PT-DZ870	PT-DW830	PT-DX100	PT-DZ780	PT-DW750
Filter	Filter-less	Filter-less	Filter-less	Filter-less	Filter-less
Edge Blending	Yes	Yes	Yes	Yes	Yes
Geometric Adjustment	Yes (Optional upgrade kit available)	–	–	Yes (Optional upgrade kit available)	Yes
Portrait mode	Yes*7	Yes*7	Yes*7	–	–
Dynamic RGB Booster	Yes	Yes	Yes	Yes	Yes
Daylight View	System Daylight View 2	System Daylight View 2	System Daylight View 2	System Daylight View 2	System Daylight View 2
Detail Clarity Processor	Detail Clarity Processor 3	Detail Clarity Processor 3	Detail Clarity Processor 3	Detail Clarity Processor 3	Detail Clarity Processor 3
DICOM Simulation Mode	Yes	Yes	Yes	Yes	Yes
P-in-P	Yes	Yes	Yes	Yes	Yes

Accessory

	PT-DZ870	PT-DW830	PT-DX100	PT-DZ780	PT-DW750
Replacement lamp	ET-LAD120/ET-LAD120W ET-LAD120P/ET-LAD120PW (for portrait mode)	ET-LAD120/ET-LAD120W ET-LAD120P/ET-LAD120PW (for portrait mode)	ET-LAD120/ET-LAD120W ET-LAD120P/ET-LAD120PW (for portrait mode)	ET-LAD70/ET-LAD70W	ET-LAD70/ET-LAD70W
Optional accessories	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P*11 (Auto Screen Adjustment Upgrade Kit)	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P*11 (Auto Screen Adjustment Upgrade Kit)	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)
Optional lens	Yes (please see the Optional Lenses page: P47)	Yes (please see the Optional Lenses page: P47)	Yes (please see the Optional Lenses page: P47)	Yes (please see the Optional Lenses page: P47)	Yes (please see the Optional Lenses page: P47)
Standard accessories	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*12	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*12	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*12	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*12	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*12

*1: When the projector is in landscape orientation. The usage environment affects the lamp replacement cycle. *2: Input signals that exceed the native resolution will be converted to the native resolution. *3: The screen size is that of the original aspect ratio. *4: The lens shift cannot be used with a fixed-focus lens. *5: Average value. Each product has an individual variable in weight. *6: Lens-less model. *7: Mounting the optional lamp unit for portrait mode and updating the projector's firmware to MAIN Ver. 2.00 or later are required.

*8: 1.27-5.08 m (50-200 inches) with the ET-DLE055. 2.54-8.89 m (100-350 inches) with the ET-DLE030. *9: Height: with legs at shortest position. *10: Depth: including the supplied lens. Depth: 513 mm (20-3/16 inches) for the lens-less models. *11: Available for use worldwide except in the United States. *12: CD-ROM includes Logo Transfer Software and Multi Projector Monitoring and Control Software. *13: Vertical +45% with the ET-DLE085. *14: Horizontal +28% with the ET-DLE085. *15: Depth: including the supplied lens. Depth: 508 mm (20 inches) for the lens-less models.

Installation

	PT-**DX820** PT-**DX820L** *6	PT-**EZ770Z** PT-**EZ770ZL** *6	PT-**EW730Z** PT-**EW730ZL** *6	PT-**EX800Z** PT-**EX800ZL** *6
	DIGITAL LINK	DIGITAL LINK	DIGITAL LINK	DIGITAL LINK
	24/7 Operation			
	1-Chip DLP™ Projector 8,200 lm XGA * Available in black/white cabinet.	LCD Projector 6,500 lm WUXGA	LCD Projector 7,000 lm WXGA	LCD Projector 7,500 lm XGA

Optical

Panel type	17.8 mm (0.7 inches) DLP™ chip x 1	19.0 mm (0.76 inches) LCD x 3	19.0 mm (0.76 inches) LCD x 3	20.0 mm (0.79 inches) LCD x 3
Aspect ratio	4:3	16:10	16:10	4:3
Lamp	310 W UHM x 2	400 W UHM	400 W UHM	400 W UHM
Lamp life*1	4,000 hours (Dual, NORMAL)/ 6,000 hours (Dual, ECO)	3,000 hours (NORMAL)/4,000 hours (ECO1)/ 4,500 hours (ECO2)	3,000 hours (NORMAL)/4,000 hours (ECO1)/ 4,500 hours (ECO2)	3,000 hours (NORMAL)/4,000 hours (ECO1)/ 4,500 hours (ECO2)
Brightness	8,200 lm	6,500 lm	7,000 lm	7,500 lm
Lens (throw ratio)	F 1.7-1.9, f 25.6-35.7 mm (1.8-2.5:1) (PT-DX820)	F 1.7–2.3, f 26.9-45.4 mm (1.7-2.8:1) (PT-EZ770Z)	F 1.7–2.3, f 26.9-45.4 mm (1.7-2.8:1)(PT-EW730Z)	F 1.7–2.3, f 26.9-45.4 mm (1.7-2.8:1) (PT-EX800Z)
Contrast (full on/full off)	2,400:1	5,000:1	5,000:1	5,000:1
Resolution native/maximum*2	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)
Screen size (diagonal)*3	1.27-15.24 m (50-600 inches)*7	1.02-10.16 m (40-400 inches)	1.02-10.16 m (40-400 inches)	1.02-10.16 m (40-400 inches)
Lens shift*4	Vertical: +50 %/-13 %, horizontal: +30 %*8/-10 % (powered)	Vertical: ±60 %, horizontal: ±10 % (powered)	Vertical: ±60 %, horizontal: ±10 % (powered)	Vertical: ±50 %, horizontal: ±10 % (powered)

Interface

Built-in speaker	-	10.0 W (monaural)	-	-
Terminals	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YP$_B$P$_R$/YC$_B$C$_R$/YC/video x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YP$_B$P$_R$/YC$_B$C$_R$ x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DisplayPort in [DP-20P x 1 (DisplayPort 1.1, HDCP compatible)] RGB 1 in [D-sub HD 15-pin x 1 (RGB/YP$_B$P$_R$/YC$_B$C$_R$ x 1)] RGB 2 in [BNC x 5 (RGB/YP$_B$P$_R$/YC$_B$C$_R$ x 1)] Composite video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1/2 [M3 x 2 (L-R x 2)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK [RJ-45 x 1]	DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DisplayPort in [DP-20P x 1 (DisplayPort 1.1, HDCP compatible)] RGB 1 in [D-sub HD 15-pin x 1 (RGB/YP$_B$P$_R$/YC$_B$C$_R$ x 1)] RGB 2 in [BNC x 5 (RGB/YP$_B$P$_R$/YC$_B$C$_R$ x 1)] Composite video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1/2 [M3 x 2 (L-R x 2)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK [RJ-45 x 1]	DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DisplayPort in [DP-20P x 1 (DisplayPort 1.1, HDCP compatible)] RGB 1 in [D-sub HD 15-pin x 1 (RGB/YP$_B$P$_R$/YC$_B$C$_R$ x 1)] RGB 2 in [BNC x 5 (RGB/YP$_B$P$_R$/YC$_B$C$_R$ x 1)] Composite video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1/2 [M3 x 2 (L-R x 2)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK [RJ-45 x 1]

General

Power supply	120 V AC, 7.5 A, 50/60 Hz, 220-240 V AC, 4.3 A, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
Power consumption	790 W (except Taiwan), 785 W (Taiwan)	590 W	575 W	575 W
BTU value	2,696 BTU	Max. 2,013 BTU	Max. 1,962 BTU	Max. 1,962 BTU
Operation noise	30 dB (Dual, NORMAL)/28 dB (Dual, ECO)	37 dB (NORMAL)/31 dB (ECO1)/29 dB (ECO2)	37 dB (NORMAL)/31 dB (ECO1)/29 dB (ECO2)	37 dB (NORMAL)/31 dB (ECO1)/29 dB (ECO2)
Dimensions (W x H x D)	498 x 175*9 x 521 mm*10 (19-19/32 x 6-7/8*9 x 20-1/2 inches)*10	530 x 177*9 x 445 mm*12 (20-7/8 x 6-31/32*9 x 17-1/2 inches)*12	530 x 177*9 x 445 mm*12 (20-7/8 x 6-31/32*9 x 17-1/2 inches)*12	530 x 177*9 x 445 mm*12 (20-7/8 x 6-31/32*9 x 17-1/2 inches)*12
Weight*5	Approx. 17.8 kg/39.2 lbs (PT-DX820L: approx. 17 kg/37.5 lbs)	Approx. 10.6 kg/23.4 lbs (PT-EZ770ZL: approx. 9.8 kg/21.6 lbs)	Approx. 10.6 kg/23.4 lbs (PT-EW730ZL: approx. 9.8 kg/21.6 lbs)	Approx. 10.6 kg/23.4 lbs (PT-EX800ZL: approx. 9.8 kg/21.6 lbs)

Features

Filter	Filter-less	Eco Filter	Eco Filter	Eco Filter
Edge Blending	Yes	-	-	-
Geometric Adjustment	Yes	-	-	-
Emulation	-	Yes	Yes	Yes
Dynamic RGB Booster	Yes	-	-	-
Daylight View	System Daylight View 2	Daylight View Basic	Daylight View Basic	Daylight View Basic
Detail Clarity Processor	Detail Clarity Processor 3	-	-	-
DICOM Simulation Mode	Yes	Yes	Yes	Yes
Corner Keystone	Yes	Yes	Yes	Yes
P-in-P	Yes	Yes	Yes	Yes
Audio Out During Standby	-	Yes	Yes	Yes

Accessory

Replacement lamp	ET-LAD70/ET-LAD70W	ET-LAE300	ET-LAE300	ET-LAE300
Optional accessories	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)
Optional lens	Yes (please see the Optional Lenses page: P47)	Yes (please see the Optional Lenses page: P49)	Yes (please see the Optional Lenses page: P49)	Yes (please see the Optional Lenses page: P49)
Standard accessories	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*11	Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*11	Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*11	Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*11

*1: When the projector is in landscape orientation. The usage environment affects the lamp replacement cycle. *2: Input signals that exceed the native resolution will be converted to the native resolution. *3: The screen size is that of the original aspect ratio. *4: The lens shift cannot be used with a fixed-focus lens. *5: Average value. Each product has an individual variable in weight. *6: Lens-less model.

*7: 1.27-5.08 m (50-200 inches) with the ET-DLE055. 2.54-8.89 m (100-350 inches) with the ET-DLE030. *8: Horizontal +28% with the ET-DLE085. *9: Height: with legs at shortest position. *10: Depth: including the supplied lens. Depth: 508 mm (20 inches) for the lens-less models. *11: CD-ROM includes Logo Transfer Software and Multi Projector Monitoring and Control Software. *12: Depth: including the lens. Depth: 385 mm (15-5/32 inches) for the lens-less models.

Installation

	PT-EZ590 / PT-EZ590L[*5]	PT-EW650 / PT-EW650L[*5]	PT-EW550 / PT-EW550L[*5]	PT-EX620 / PT-EX620L[*5]	PT-EX520 / PT-EX520L[*5]
	LCD Projector 5,400 lm WUXGA WIRELESS[*6] DIGITAL LINK	LCD Projector 5,800 lm WXGA WIRELESS[*6] DIGITAL LINK	LCD Projector 5,000 lm WXGA WIRELESS[*6]	LCD Projector 6,200 lm XGA WIRELESS[*6] DIGITAL LINK	LCD Projector 5,300 lm XGA WIRELESS[*6]
Optical					
Panel type	16.3 mm (0.64 inches) LCD x 3	16.3 mm (0.64 inches) LCD x 3	16.3 mm (0.64 inches) LCD x 3	16.0 mm (0.63 inches) LCD x 3	16.0 mm (0.63 inches) LCD x 3
Aspect ratio	16:10	16:10	16:10	4:3	4:3
Lamp	320 W UHM	320 W UHM	320 W UHM	320 W UHM	320 W UHM
Lamp life[*1]	4,000 hours (NORMAL)/5,000 hours (ECO)	4,000 hours (NORMAL)/5,000 hours (ECO)	4,000 hours (NORMAL)/5,000 hours (ECO)	4,000 hours (NORMAL)/5,000 hours (ECO)	4,000 hours (NORMAL)/5,000 hours (ECO)
Brightness	5,400 lm	5,800 lm	5,000 lm	6,200 lm	5,300 lm
Lens (throw ratio)	F 1.6-2.2, f 17.1-31.7 mm (1.22-2.26:1) (PT-EZ590)	F 1.6-2.2, f 17.1-31.7 mm (1.22-2.26:1) (PT-EW650)	F 1.6-2.2, f 17.1-31.7 mm (1.22-2.26:1) (PT-EW550)	F 1.6-2.2, f 17.1-31.7 mm (1.32-2.44:1) (PT-EX620)	F 1.6-2.2, f 17.1-31.7 mm (1.32-2.44:1) (PT-EX520)
Contrast (full on/full off)	10,000:1	10,000:1	2,000:1	10,000:1	2,000:1
Resolution native/maximum[*2]	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)
Screen size (diagonal)[*3]	1.02-10.16 m (40-400 inches)	1.02-10.16 m (40-400 inches)	1.02-10.16 m (40-400 inches)	1.02-10.16 m (40-400 inches)	1.02-10.16 m (40-400 inches)
Lens shift	Vertical: ±60 %, horizontal: ±30 % (powered)	Vertical: ±60 %, horizontal: ±30 % (powered)	Vertical: ±60 %, horizontal: ±30 % (powered)	Vertical: ±50 %, horizontal: ±30 % (powered)	Vertical: ±50 %, horizontal: ±30 % (powered)
Interface					
Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
Terminals	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR/YC x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] LAN [RJ-45 x 1] LAN/DIGITAL LINK [RJ-45 x 1] USB [USB type-A x 2 (for optional wireless module x 1, for power supply (DC 5 V, up to 900 mA) x 1)]	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR/YC x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] LAN [RJ-45 x 1] LAN/DIGITAL LINK [RJ-45 x 1] USB [USB type-A x 2 (for optional wireless module x 1, for power supply (DC 5 V, up to 900 mA) x 1)]	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR/YC x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] LAN [RJ-45 x 1] USB [USB type-A x 2 (for optional wireless module x 1, for power supply (DC 5 V, up to 900 mA) x 1)]	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR/YC x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] LAN [RJ-45 x 1] LAN/DIGITAL LINK [RJ-45 x 1] USB [USB type-A x 2 (for optional wireless module x 1, for power supply (DC 5 V, up to 900 mA) x 1)]	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPBPR/YCBCR/YC x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] LAN [RJ-45 x 1] USB [USB type-A x 2 (for optional wireless module x 1, for power supply (DC 5 V, up to 900 mA) x 1)]
General					
Power supply	100-240 V AC, 5.5-2.3 A, 50/60 Hz	100-240 V AC, 5.3-2.1 A, 50/60 Hz	100-240 V AC, 5.3-2.1 A, 50/60 Hz	100-240 V AC, 5.3-2.1 A, 50/60 Hz	100-240 V AC, 5.3-2.1 A, 50/60 Hz
Power consumption	484 W	461 W	461 W	461 W	461 W
BTU value	Max. 1,651 BTU	Max. 1,573 BTU	Max. 1,573 BTU	Max. 1,573 BTU	Max. 1,573 BTU
Operation noise	35 dB (NORMAL)/29 dB (ECO)	35 dB (NORMAL)/29 dB (ECO)	35 dB (NORMAL)/29 dB (ECO)	35 dB (NORMAL)/29 dB (ECO)	35 dB (NORMAL)/29 dB (ECO)
Dimensions (W x H x D)	498 x 145[*7] x 398.3 mm[*8] (19-19/32 x 5-11/16[*7] x 15-11/16 inches)[*8]	498 x 145[*7] x 398.3 mm[*8] (19-19/32 x 5-11/16[*7] x 15-11/16 inches)[*8]	498 x 145[*7] x 398.3 mm[*8] (19-19/32 x 5-11/16[*7] x 15-11/16 inches)[*8]	498 x 145[*7] x 398.3 mm[*8] (19-19/32 x 5-11/16[*7] x 15-11/16 inches)[*8]	498 x 145[*7] x 398.3 mm[*8] (19-19/32 x 5-11/16[*7] x 15-11/16 inches)[*8]
Weight[*4]	Approx. 8.4 kg/18.5 lbs (PT-EZ590L: approx. 7.7 kg/17.0 lbs)	Approx. 8.4 kg/18.5 lbs (PT-EW650L: approx. 7.7 kg/17.0 lbs)	Approx. 8.4 kg/18.5 lbs (PT-EW550L: approx. 7.7 kg/17.0 lbs)	Approx. 8.4 kg/18.5 lbs (PT-EX620L: approx. 7.7 kg/17.0 lbs)	Approx. 8.4 kg/18.5 lbs (PT-EX520L: approx. 7.7 kg/17.0 lbs)
Features					
Filter	Eco Filter	Eco Filter	Eco Filter	Eco Filter	Eco Filter
Emulation	Yes	Yes	Yes	Yes	Yes
Daylight View	Daylight View Basic	Daylight View Basic	Daylight View Basic	Daylight View Basic	Daylight View Basic
DICOM Simulation Mode	Yes	Yes	Yes	Yes	Yes
Corner Keystone	Yes	Yes	Yes	Yes	Yes
P-in-P	-	-	-	-	-
Wireless Ready	Presenter light[*6], VueMagic™ Pro for iOS/Android[*6][*9]	Presenter light[*6], VueMagic™ Pro for iOS/Android[*6][*9]	Presenter light[*6], VueMagic™ Pro for iOS/Android[*6][*9]	Presenter light[*6], VueMagic™ Pro for iOS/Android[*6][*9]	Presenter light[*6], VueMagic™ Pro for iOS/Android[*6][*9]
Audio Out During Standby	Yes	Yes	Yes	Yes	Yes
Accessory					
Replacement lamp	ET-LAEF100	ET-LAEF100	ET-LAEF100	ET-LAEF100	ET-LAEF100
Optional accessories	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WML100 (Wireless module)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WML100 (Wireless module)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-WML100 (Wireless module)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WML100 (Wireless module)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-WML100 (Wireless module)
Optional lens	Yes (please see the Optional Lenses page: P49)	Yes (please see the Optional Lenses page: P49)	Yes (please see the Optional Lenses page: P49)	Yes (please see the Optional Lenses page: P49)	Yes (please see the Optional Lenses page: P49)
Standard accessories	Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, CD-ROM[*10]	Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, CD-ROM[*10]	Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, CD-ROM[*10]	Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, CD-ROM[*10]	Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, CD-ROM[*10]

*1: When the projector is in landscape orientation. The usage environment affects the lamp replacement cycle. *2: Input signals that exceed the native resolution will be converted to the native resolution. *3: The screen size is that of the original aspect ratio. *4: Average value. Each product has an individual variable in weight. *5: Lens-less model. *6: The optional ET-WML100 Wireless Module is required.

*7: Height: with legs at shortest position. *8: Depth: including the lens. Depth: 358 mm (14-3/32 inches) for the lens-less models. *9: VueMagic™ Pro is a product of Pixelworks, Inc. For detailed information, refer to the following website. http://vuemagic.pixelworks.com *10: CD-ROM includes Logo Transfer Software and Multi Monitoring and Control Software.

Installation

		PT-**FZ570**	PT-**FW530**	PT-**FX500**
		LCD Projector / 4,500 lm / WUXGA / WIRELESS*5	LCD Projector / 4,500 lm / WXGA / WIRELESS*5	LCD Projector / 5,000 lm / XGA / WIRELESS*5
Optical	Panel type	16.3 mm (0.64 inches) LCD x 3	16.3 mm (0.64 inches) LCD x 3	16.0 mm (0.63 inches) LCD x 3
	Aspect ratio	16:10	16:10	4:3
	Lamp	270 W UHM	270 W UHM	270 W UHM
	Lamp life*1	6,000 hours (NORMAL)/8,000 hours (ECO)	6,000 hours (NORMAL)/8,000 hours (ECO)	6,000 hours (NORMAL)/8,000 hours (ECO)
	Brightness	4,500 lm	4,500 lm	5,000 lm
	Lens (throw ratio)	F 1.6-2.2, f 17.1-31.7 mm (1.22-2.26:1)	F 1.6-2.2, f 17.1-31.7 mm (1.22-2.26:1)	F 1.6-2.2, f 17.1-31.7 mm (1.32-2.44:1)
	Contrast (full on/full off)	10,000:1	10,000:1	10,000:1
	Resolution native/maximum*2	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)
	Screen size (diagonal)*3	1.02-7.62 m (40-300 inches)	1.02-7.62 m (40-300 inches)	1.02-7.62 m (40-300 inches)
	Lens shift	Vertical: ±60 %, horizontal: ±30 % (manual)	Vertical: ±60 %, horizontal: ±30 % (manual)	Vertical: ±50 %, horizontal: ±30 % (manual)
Interface	Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
	Terminals	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] Computer 1 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR/YC x 1)] Computer 2 in/1 out [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L–R x 1)] Audio in 2 [M3 x 1 (L–R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L–R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] LAN/DIGITAL LINK [RJ-45 x 1] USB [USB type-A x 2 (for optional wireless module x 1, for power supply (DC 5 V, up to 900 mA) x 1]	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] Computer 1 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR/YC x 1)] Computer 2 in/1 out [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L–R x 1)] Audio in 2 [M3 x 1 (L–R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L–R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] LAN/DIGITAL LINK [RJ-45 x 1] USB [USB type-A x 2 (for optional wireless module x 1, for power supply (DC 5 V, up to 900 mA) x 1]	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] Computer 1 in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR/YC x 1)] Computer 2 in/1 out [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L–R x 1)] Audio in 2 [M3 x 1 (L–R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L–R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] LAN/DIGITAL LINK [RJ-45 x 1] USB [USB type-A x 2 (for optional wireless module x 1, for power supply (DC 5 V, up to 900 mA) x 1]
General	Power supply	100-240 V AC, 4.7-1.9 A, 50/60 Hz	100-240 V AC, 4.5-1.8 A, 50/60 Hz	100-240 V AC, 4.5-1.8 A, 50/60 Hz
	Power consumption	413 W	400 W	400 W
	BTU value	Max 1,410 BTU	Max 1,365 BTU	Max 1,365 BTU
	Operation noise	33 dB (NORMAL)/29 dB (ECO)	33 dB (NORMAL)/29 dB (ECO)	33 dB (NORMAL)/29 dB (ECO)
	Dimensions (W x H x D)	498 x 145*6 x 398.3 mm*7 (19-19/32 x 5-11/16*6 x 15-11/16 inches)*7	498 x 145*6 x 398.3 mm*7 (19-19/32 x 5-11/16*6 x 15-11/16 inches)*7	498 x 145*6 x 398.3 mm*7 (19-19/32 x 5-11/16*6 x 15-11/16 inches)*7
	Weight*4	Approx. 7.9 kg/17.4 lbs	Approx. 7.9 kg/17.4 lbs	Approx. 7.9 kg/17.4 lbs
Features	Filter	Eco Filter	Eco Filter	Eco Filter
	Emulation	Yes	Yes	Yes
	Daylight View	Daylight View Basic	Daylight View Basic	Daylight View Basic
	DICOM Simulation Mode	Yes	Yes	Yes
	Corner Keystone	Yes	Yes	Yes
	P-in-P	-	-	-
	Wireless Ready	Presenter light*5, VueMagic™ Pro for iOS/Android*5*8	Presenter light*5, VueMagic™ Pro for iOS/Android*5*8	Presenter light*5, VueMagic™ Pro for iOS/Android*5*8
	Audio Out During Standby	Yes	Yes	Yes
Accessory	Replacement lamp	ET-LAEF100	ET-LAEF100	ET-LAEF100
	Optional accessories	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFF200 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WML100 (Wireless module)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFF200 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WML100 (Wireless module)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFF200 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WML100 (Wireless module)
	Standard accessories	Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, CD-ROM*9	Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, CD-ROM*9	Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, CD-ROM*9

*1: When the projector is in landscape orientation. The usage environment affects the lamp replacement cycle.
*2: Input signals that exceed the native resolution will be converted to the native resolution.
*3: The screen size is that of the original aspect ratio. *4: Average value. Each product has an individual variable in weight.

*5: The optional ET-WML100 Wireless Module is required. *6: Height: with legs at shortest position. *7: Depth: including the lens.
*8: VueMagic™ Pro is a product of Pixelworks, Inc. For detailed information, refer to the following website. http://vuemagic.pixelworks.com
*9: CD-ROM includes Logo Transfer Software and Multi Monitoring and Control Software.

DIGITAL LINK
Next-Generation High-Quality Digital Transmission over a Single Cable

High Quality   **Long Distance**   **Cost Effective**

DIGITAL LINK is a connection system based on HDBaseT™ technology that supports the transmission of HDMI signals, uncompressed Full-HD videos, audio, and control commands through a single LAN cable for very long distances - up to 150 m (492 ft) in Long Reach Mode.* It's a simple, high-quality digital transmission technology that works to reduce installation cost and complexity in venues of all sizes.

For Auditorium, Museum, Digital signage and more

Flexible Expandability with ET-YFB200G
DIGITAL LINK Switcher ET-YFB200G (Optional)

2 x DIGITAL LINK / 150 m (429 ft) *
DIGITAL LINK Switcher ET-YFB200G
CAT 5e (STP) cable or higher
(Up to 150 m/492 ft)*
DIGITAL LINK 1 — or
DIGITAL LINK 2 — or

HDMI 1 | HDMI 2 | VGA 1 | VGA 2 | VIDEO
PC | Blu-ray Disc player | PC | Document camera | VCR

For Classrooms, Meeting rooms, Retail outlets, etc.

Simple One-to-One Connection with ET-YFB100G
Digital Interface Box ET-YFB100G (Optional)

Digital Interface Box ET-YFB100G
DIGITAL LINK CAT 5e (STP) cable or higher
(Up to 100 m/328 ft) — or

HDMI 1 | HDMI 2 | S-Video | VGA 1 | VGA 2 | VIDEO
Blu-ray Disc player | HD visual communication system | VCR | PC | PC | Document camera

* Applicable models: PT-RQ32K, PT-RZ31K/RS30K, PT-RQ13K, PT-RZ12K/RS11K, PT-DZ21K2/DS20K2/DW17K2/DZ16K2, PT-RZ970/RW930/RX110, PT-RZ770/RW730, PT-RZ660/RW620, PT-RZ570/RZ575, PT-DZ780/DW750/DX820, PT-EZ590/EW650/EX620 and PT-FZ570/FW530/FX500 in Long Reach Mode for signals up to 1080p. For other DIGITAL LINK models: up to 100 m (328 ft).

The DIGITAL LINK World

DIGITAL LINK supports the control protocol of the industry's leading manufacturers, including Crestron, Extron, AMX, and many more. This makes it easy to configure a wide variety of systems, and allows easy integration into an existing control system.

For more information about DIGITAL LINK, please visit the website
>> panasonic.net/prodisplays/solutions/technology/digital_link/

Note: For DIGITAL LINK-ready models, please refer to the "Interface" section.

Portable

	PT-**VZ575N**	PT-**VZ570**	PT-**VZ470**[*6]	PT-**VW535N**	PT-**VW530**
	DIGITAL LINK			DIGITAL LINK	
	LCD Projector	LCD Projector	LCD Projector	LCD Projector	LCD Projector
	4,800 lm / WUXGA / WIRELESS	4,800 lm / WUXGA	4,400 lm / WUXGA	5,000 lm / WXGA / WIRELESS	5,000 lm / WXGA

Optical

	PT-VZ575N	PT-VZ570	PT-VZ470	PT-VW535N	PT-VW530
Panel type	16.3 mm (0.64 inches) LCD x 3	16.3 mm (0.64 inches) LCD x 3	16.3 mm (0.64 inches) LCD x 3	15.0 mm (0.59 inches) LCD x 3	15.0 mm (0.59 inches) LCD x 3
Aspect ratio	16:10	16:10	16:10	16:10	16:10
Lamp	270 W UHM	270 W UHM	270 W UHM	270 W UHM	270 W UHM
Lamp life[*1]	5,000 hours (NORMAL)/7,000 hours (ECO)	5,000 hours (NORMAL)/7,000 hours (ECO)	5,000 hours (NORMAL)/7,000 hours (ECO)	5,000 hours (NORMAL)/7,000 hours (ECO)	5,000 hours (NORMAL)/7,000 hours (ECO)
Brightness	4,800 lm	4,800 lm	4,400 lm	5,000 lm	5,000 lm
Lens (throw ratio)	F 1.60-2.12, f 15.30-24.64 mm (1.1-1.8:1)	F 1.60-2.12, f 15.30-24.64 mm (1.1-1.8:1)	F 1.60-2.12, f 15.30-24.64 mm (1.1-1.8:1)	F 1.60-1.90, f 15.31-24.64 mm (1.2-1.9:1)	F 1.60-1.90, f 15.31-24.64 mm (1.2-1.9:1)
Contrast (full on/full off)	10,000:1	10,000:1	10,000:1	10,000:1	10,000:1
Resolution native/maximum[*2]	WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)
Screen size (diagonal)[*3]	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)
Lens shift	Vertical: +44 % (manual)	Vertical: +44 % (manual)	Vertical: +44 % (manual)	Vertical: +48 % (manual)	Vertical: +48 % (manual)

Interface

	PT-VZ575N	PT-VZ570	PT-VZ470	PT-VW535N	PT-VW530
Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
Terminals	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR/S-VIDEO x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] USB A [USB type-A x 1] USB B [USB type-B x 1] LAN/DIGITAL LINK [RJ-45 x 1]	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR/S-VIDEO x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1]	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR/S-VIDEO x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1]	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR/S-VIDEO x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] USB A [USB type-A x 1] USB B [USB type-B x 1] LAN/DIGITAL LINK [RJ-45 x 1]	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR/S-VIDEO x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1]

General

	PT-VZ575N	PT-VZ570	PT-VZ470	PT-VW535N	PT-VW530
Power supply	120 V AC, 50/60 Hz (North America), 110 V AC, 60 Hz (Taiwan), 100-240 V AC, 50/60 Hz (other countries)	120 V AC, 50/60 Hz (North America), 110 V AC, 60 Hz (Taiwan), 100-240 V AC, 50/60 Hz (other countries)	120 V AC, 50/60 Hz (North America), 110 V AC, 60 Hz (Taiwan), 100-240 V AC, 50/60 Hz (other countries)	120 V AC, 50/60 Hz (North America), 110 V AC, 60 Hz (Taiwan), 100-240 V AC, 50/60 Hz (other countries)	120 V AC, 50/60 Hz (North America), 110 V AC, 60 Hz (Taiwan), 100-240 V AC, 50/60 Hz (other countries)
Power consumption	380 W (North America), 386 W (Taiwan), 386 W (other countries)	372 W (North America), 378 W (Taiwan), 378 W (other countries)	372 W (North America), 378 W (Taiwan), 378 W (other countries)	363 W (North America), 369 W (Taiwan), 369 W (other countries)	356 W (North America), 362 W (Taiwan), 362 W (other countries)
Operation noise	37 dB (NORMAL)/29 dB (ECO)	37 dB (NORMAL)/29 dB (ECO)	37 dB (NORMAL)/29 dB (ECO)	37 dB (NORMAL)/29 dB (ECO)	37 dB (NORMAL)/29 dB (ECO)
Dimensions (W x H x D)	389 x 125[*5] x 332 mm (15-5/16 x 4-29/32[*5] x 13-1/16 inches)	389 x 125[*5] x 332 mm (15-5/16 x 4-29/32[*5] x 13-1/16 inches)	389 x 125[*5] x 332 mm (15-5/16 x 4-29/32[*5] x 13-1/16 inches)	389 x 125[*5] x 332 mm (15-5/16 x 4-29/32[*5] x 13-1/16 inches)	389 x 125[*5] x 332 mm (15-5/16 x 4-29/32[*5] x 13-1/16 inches)
Weight[*4]	Approx. 4.9 kg/10.8 lbs	Approx. 4.8 kg/10.6 lbs	Approx. 4.8 kg/10.6 lbs	Approx. 4.9 kg/10.8 lbs	Approx. 4.8 kg/10.6 lbs

Features

	PT-VZ575N	PT-VZ570	PT-VZ470	PT-VW535N	PT-VW530
Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter
Emulation	Yes	Yes	Yes	Yes	Yes
Daylight View	Daylight View Basic	Daylight View Basic	Daylight View Basic	Daylight View Basic	Daylight View Basic
Corner Keystone	Yes	Yes	Yes	Yes	Yes
Curved Screen Correction	Yes	Yes	Yes	Yes	Yes
Easy Setting	-	-	-	-	-
P-in-P	-	-	-	-	-
Wireless Ready	Miracast, Wireless Manager, iOS, Android	-	-	Miracast, Wireless Manager, iOS, Android	-
USB Memory Viewer	Yes	-	-	Yes	-
USB Display	Yes	-	-	Yes	-
Audio Out During Standby	Yes	Yes	Yes	Yes	Yes

Accessory

	PT-VZ575N	PT-VZ570	PT-VZ470	PT-VW535N	PT-VW530
Replacement lamp	ET-LAV400	ET-LAV400	ET-LAV400	ET-LAV400	ET-LAV400
Optional accessories	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV400 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV400 (Replacement filter unit)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV400 (Replacement filter unit)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV400 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV400 (Replacement filter unit)
Standard accessories	Power cord, power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software, Wireless Manager)	Power cord, power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord, power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord, power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software, Wireless Manager)	Power cord, power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)

*1: The usage environment affects the lamp replacement cycle.
*2: Input signals that exceed the native resolution will be converted to the native resolution.
*3: The screen size is that of the original aspect ratio.
*4: Average value. Each product has an individual variable in weight.
*5: Height: with legs at shortest position.
*6: The availability varies depending on the country.

Portable

	PT-**VX605N**	PT-**VX600**
	DIGITAL LINK SINGLE CABLE SOLUTIONS	
	LCD Projector	LCD Projector
	5,500 lm XGA WIRELESS	5,500 lm XGA

Optical

	PT-**VX605N**	PT-**VX600**
Panel type	16.0 mm (0.63 inches) LCD x 3	16.0 mm (0.63 inches) LCD x 3
Aspect ratio	4:3	4:3
Lamp	270 W UHM	270 W UHM
Lamp life*1	5,000 hours (NORMAL)/7,000 hours (ECO)	5,000 hours (NORMAL)/7,000 hours (ECO)
Brightness	5,500 lm	5,500 lm
Lens (throw ratio)	F 1.60-1.90, f 15.31-24.64 mm (1.2-1.9:1)	F 1.60-1.90, f 15.31-24.64 mm (1.2-1.9:1)
Contrast (full on/full off)	10,000:1	10,000:1
Resolution native/maximum*2	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)
Screen size (diagonal)*3	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)
Lens shift	Vertical: +40 % (manual)	Vertical: +40 % (manual)

Interface

	PT-**VX605N**	PT-**VX600**
Built-in speaker	10.0 W (monaural)	10.0 W (monaural)
Terminals	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR/S-VIDEO x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] USB A [USB type-A x 1] USB B [USB type-B x 1] LAN/DIGITAL LINK [RJ-45 x 1]	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR/S-VIDEO x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1]

General

	PT-**VX605N**	PT-**VX600**
Power supply	120 V AC, 50/60 Hz (North America), 110 V AC, 60 Hz (Taiwan), 100-240 V AC, 50/60 Hz (other countries)	120 V AC, 50/60 Hz (North America), 110 V AC, 60 Hz (Taiwan), 100-240 V AC, 50/60 Hz (other countries)
Power consumption	363 W (North America), 369 W (Taiwan), 369 W (other countries)	356 W (North America), 362 W (Taiwan), 362 W (other countries)
Operation noise	37 dB (NORMAL)/29 dB (ECO)	37 dB (NORMAL)/29 dB (ECO)
Dimensions (W x H x D)	389 x 125*5 x 332 mm (15-5/16 x 4-29/32*5 x 13-1/16 inches)	389x 125*5 x 332 mm (15-5/16 x 4-29/32*5 x 13-1/16 inches)
Weight*4	Approx. 4.9 kg/10.8 lbs	Approx. 4.8 kg/10.6 lbs

Features

	PT-**VX605N**	PT-**VX600**
Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter
Emulation	Yes	Yes
Daylight View	Daylight View Basic	Daylight View Basic
Corner Keystone	Yes	Yes
Curved Screen Correction	Yes	Yes
Easy Setting	-	-
P-in-P	-	-
Wireless Ready	Miracast, Wireless Manager, iOS, Android	-
USB Memory Viewer	Yes	-
USB Display	Yes	-
Audio Out During Standby	Yes	Yes

Accessory

	PT-**VX605N**	PT-**VX600**
Replacement lamp	ET-LAV400	ET-LAV400
Optional accessories	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV400 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV400 (Replacement filter unit)
Standard accessories	Power cord, power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software, Wireless Manager)	Power cord, power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)

*1: The usage environment affects the lamp replacement cycle. *2: Input signals that exceed the native resolution will be converted to the native resolution. *3: The screen size is that of the original aspect ratio. *4: Average value. Each product has an individual variable in weight. *5: Height: with legs at shortest position.

FEATURES

Why Panasonic Wireless Projector?

Wireless projectors require no cables for PC connection.
That means you don't have to worry about cable lengths, and you can flexibly lay out the system for fast, easy setup and removal.
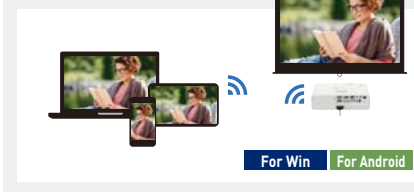Panasonic's wireless projectors are designed for easy operation, and their multi-device and multi-connection capabilities give them advanced functions that greatly expand their usage.

Wireless Display Simplified with Wi-Fi-CERTIFIED Miracast

Wi Fi CERTIFIED

Supported projector: PT-VW355N/VX425N.

Share On the Big Screen

For Win For Android
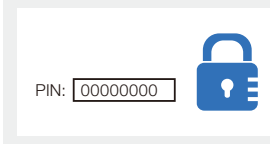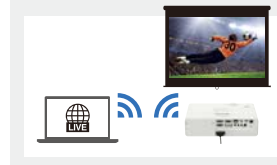
Selectable Display Modes

• **Duplicate Mode**
  Mirror your device's screen on the projector screen

• **Extend Mode**
  Use a projection surface as an extended PC screen

• **Second Screen Only**
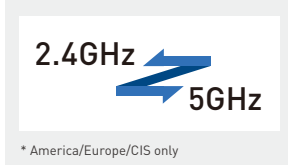 PC screen is shown only on the projector screen

Prevents Improper Connection

PIN: 00000000

Smooth Video Playback

Selectable Channels

2.4GHz ⇄ 5GHz

* America/Europe/CIS only

Panasonic's Original Software

Supported projector:
PT-VZ575N/VW535N/VX605N and PT-VW355N/VX425N.

■ **Wireless Manager ME Software** For Win For Mac

This application provided with the projector allows easy transfer of data from the screen of a personal computer through a PC's wired or wireless LAN function.

■ **Wireless Projector for iOS / Android** For iOS For Android

These Apps allow wireless projection from tablet devices or smartphones. They can both be downloaded for free, the iOS version from the AppStore, and the Android version from Google Play.

Wireless Projection by Optional Module

Supported projector:
PT-EZ590/EW650/EX620/EW550/EX520, PT-FZ570/FW530/FX500, PT-LW373/LW333/LB423/LB383/LB353, PT-SX320A/SX300A/SW280A and PT-TW351R/TW350/TX410/TX320.

The optional ET-WML100 wireless USB module allows wireless projection from Windows® PCs, iOS devices, or Android™ devices loaded with an appropriate app.

Featured image:
ET-WML100E

Applicable Software

■ **Presenter Light Software** For Win

This application, supporting Windows computers, allows you to transfer images and audio to the projector via the wired LAN/wireless LAN.

■ **VueMagic™ Pro*** For iOS For Android

Using the app "VueMagic", you can transfer images from tablet devices or smartphones to the projector through the wireless LAN.

* VueMagic™ Pro is a product of Pixelworks, Inc. For detailed information, refer to the following website. http://vuemagic.pixelworks.com

Note: For models supporting wireless functionality, please refer to the "Features" section of each specification sheet.

Portable

	PT-VW355N	PT-VW350	PT-VX425N	PT-VX420	PT-LW373 **NEW**
	LCD Projector 4,000 lm / WXGA **WIRELESS**	LCD Projector 4,000 lm / WXGA	LCD Projector 4,500 lm / XGA **WIRELESS**	LCD Projector 4,500 lm / XGA	LCD Projector 3,600 lm / WXGA **WIRELESS** *7

Optical

	PT-VW355N	PT-VW350	PT-VX425N	PT-VX420	PT-LW373
Panel type	15.0 mm (0.59 inches) LCD x 3	15.0 mm (0.59 inches) LCD x 3	16.0 mm (0.63 inches) LCD x 3	16.0 mm (0.63 inches) LCD x 3	15.0 mm (0.59 inches) LCD x 3
Aspect ratio	16:10	16:10	4:3	4:3	16:10
Lamp	240 W UHM	240 W UHM	240 W UHM	240 W UHM	230 W UHM
Lamp life*1	5,000 hours (NORMAL)/ 7,000 hours (ECO)	5,000 hours (NORMAL)/ 7,000 hours (ECO)	5,000 hours (NORMAL)/ 7,000 hours (ECO)	5,000 hours (NORMAL)/ 7,000 hours (ECO)	5,000 hours (NORMAL)/ 6,000 hours (ECO1)/10,000 hours (ECO2)
Brightness	4,000 lm	4,000 lm	4,500 lm	4,500 lm	3,600 lm
Lens (throw ratio)	F 1.60-1.90, f 15.31-26.24 mm (1.2-1.9:1)	F 1.60-1.90, f 15.31-26.24 mm (1.2-1.9:1)	F 1.60-1.90, f 15.31-26.24 mm (1.2-1.9:1)	F 1.60-1.90, f 15.31-26.24 mm (1.2-1.9:1)	F 1.60-1.76, f 19.16-23.02 mm (1.48-1.78:1)
Contrast (full on/full off)	12,000:1	12,000:1	12,000:1	12,000:1	16,000:1
Resolution native/maximum*2	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)
Screen size (diagonal)*3	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)
Lens shift	49:1 (fixed)	49:1 (fixed)	9:1 (fixed)	9:1 (fixed)	13:1 (fixed)

Interface

	PT-VW355N	PT-VW350	PT-VX425N	PT-VX420	PT-LW373
Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
Terminals	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB A [USB type-A x 1] USB B [USB type-B x 1]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB A [USB type-A x 1] USB B [USB type-B x 1]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR /S-VIDEO x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB A [USB type-A x 1] USB B [USB type-B x 1]

General

	PT-VW355N	PT-VW350	PT-VX425N	PT-VX420	PT-LW373
Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
Power consumption	320 W	320 W	320 W	320 W	300 W
Operation noise	37 dB (NORMAL)/29 dB (ECO)	37 dB (NORMAL)/29 dB (ECO)	37 dB (NORMAL)/29 dB (ECO)	37 dB (NORMAL)/29 dB (ECO)	37 dB (NORMAL)/33 dB (ECO1)/28 dB
Dimensions (W x H x D)	352 x 98*5 x 279.4 mm*6 (13-27/32 x 3-27/32*5 x 11 inches)*6	352 x 98*5 x 279.4 mm*6 (13-27/32 x 3-27/32*5 x 11 inches)*6	352 x 98*5 x 279.4 mm*6 (13-27/32 x 3-27/32*5 x 11 inches)*6	352 x 98*5 x 279.4 mm*6 (13-27/32 x 3-27/32*5 x 11 inches)*6	335 x 96*5 x 252 mm (13-3/16 x 3-25/32*5 x 9-29/32 inches)
Weight*4	Approx. 3.4 kg/7.5 lbs	Approx. 3.3 kg/7.3 lbs	Approx. 3.4 kg/7.5 lbs	Approx. 3.3 kg/7.3 lbs	Approx. 2.9 kg/6.4 lbs

Features

	PT-VW355N	PT-VW350	PT-VX425N	PT-VX420	PT-LW373
Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter
Emulation	-	-	-	-	-
Daylight View	Daylight View Basic	Daylight View Basic	Daylight View Basic	Daylight View Basic	Daylight View Lite
Corner Keystone	Yes	Yes	Yes	Yes	Yes
Curved Screen Correction	-	-	-	-	Yes
Easy Setting	Yes	-	Yes	-	-
P-in-P	Yes	Yes	-	-	-
Wireless Ready	Miracast, Wireless Manager, iOS, Android	-	Miracast, Wireless Manager, iOS, Android	-	Presenter light*7, VueMagic™ Pro for iOS/Android*7*8
USB Memory Viewer	Yes	-	Yes	-	Yes
USB Display	Yes	-	Yes	-	Yes
Audio Out During Standby	Yes	Yes	Yes	Yes	-

Accessory

	PT-VW355N	PT-VW350	PT-VX425N	PT-VX420	PT-LW373
Replacement lamp	ET-LAV300	ET-LAV300	ET-LAV300	ET-LAV300	ET-LAL500
Optional accessories	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV300 (Replacement filter unit)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV300 (Replacement filter unit)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV300 (Replacement filter unit)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV300 (Replacement filter unit)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL420B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-WML100 (Wireless module) ET-ADSV (D-Sub/S-VIDEO conversion cable)
Standard accessories	Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software, Wireless Manager)	Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software, Wireless Manager)	Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord, wireless remote control unit, batteries for remote control unit, RGB signal cable, software CD-ROM (Multi Monitoring and Control Software)

*1: The usage environment affects the lamp replacement cycle.
*2: Input signals that exceed the native resolution will be converted to the native resolution.
*3: The screen size is that of the original aspect ratio. *4: Average value. Each product has an individual variable in weight.

*5: Height: with legs at shortest position. *6: Depth: protruding parts not included.
*7: To operate wireless projection, the optional wireless module ET-WML100 is required. *8: VueMagic™ Pro is a product of Pixelworks, Inc. For detailed information, refer to the following website. http://vuemagic.pixelworks.com

Portable

	PT-**LW333** NEW	PT-**LB423** NEW	PT-**LB383** NEW	PT-**LB353** NEW	PT-**LB303** NEW
	LCD Projector WIRELESS*5 3,100 lm | WXGA	LCD Projector WIRELESS*5 4,100 lm | XGA	LCD Projector WIRELESS*5 3,800 lm | XGA	LCD Projector WIRELESS*5 3,300 lm | XGA	LCD Projector 3,100 lm | XGA

Optical

	PT-LW333	PT-LB423	PT-LB383	PT-LB353	PT-LB303
Panel type	15.0 mm (0.59 inches) LCD x 3	16.0 mm (0.63 inches) LCD x 3	16.0 mm (0.63 inches) LCD x 3	16.0 mm (0.63 inches) LCD x 3	16.0 mm (0.63 inches) LCD x 3
Aspect ratio	16:10	4:3	4:3	4:3	4:3
Lamp	230 W UHM	230 W UHM	230 W UHM	230 W UHM	230 W UHM
Lamp life*1	5,000 hours (NORMAL)/ 6,000 hours (ECO1)/10,000 hours (ECO2)	5,000 hours (NORMAL)/ 6,000 hours (ECO1)/10,000 hours (ECO2)	5,000 hours (NORMAL)/ 6,000 hours (ECO1)/10,000 hours (ECO2)	5,000 hours (NORMAL)/ 6,000 hours (ECO1)/10,000 hours (ECO2)	5,000 hours (NORMAL)/ 6,000 hours (ECO1)/10,000 hours (ECO2)
Brightness	3,100 lm	4,100 lm	3,800 lm	3,300 lm	3,100 lm
Lens (throw ratio)	F 2.1-2.25, f 19.11-22.94 mm (1.47-1.77:1)	F 1.60-1.76, f 19.16-23.02 mm (1.48-1.78:1)	F 1.60-1.76, f 19.16-23.02 mm (1.48-1.78:1)	F 1.60-1.76, f 19.16-23.02 mm (1.48-1.78:1)	F 2.1-2.25, f 19.11-22.94 mm (1.47-1.77:1)
Contrast (full on/full off)	16,000:1	16,000:1	16,000:1	16,000:1	16,000:1
Resolution native/maximum*2	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)
Screen size (diagonal)*3	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)
Lens shift	13:1 (fixed)	6:1 (fixed)	6:1 (fixed)	6:1 (fixed)	6:1 (fixed)

Interface

	PT-LW333	PT-LB423	PT-LB383	PT-LB353	PT-LB303
Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	2.0 W (monaural)
Terminals	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR /S-VIDEO x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB A [USB type-A x 1] USB B [USB type-B x 1]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR /S-VIDEO x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB A [USB type-A x 1] USB B [USB type-B x 1]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR /S-VIDEO x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB A [USB type-A x 1] USB B [USB type-B x 1]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR /S-VIDEO x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB A [USB type-A x 1] USB B [USB type-B x 1]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR /S-VIDEO x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)]

General

	PT-LW333	PT-LB423	PT-LB383	PT-LB353	PT-LB303
Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
Power consumption	300 W	300 W	300 W	300 W	300 W
Operation noise	37 dB (NORMAL)/33 dB (ECO1)/28 dB	37 dB (NORMAL)/33 dB (ECO1)/28 dB (ECO2)	37 dB (NORMAL)/33 dB (ECO1)/28 dB	37 dB (NORMAL)/33 dB (ECO1)/28 dB	37 dB (NORMAL)/33 dB (ECO1)/28 dB
Dimensions (W x H x D)	335 x 96*6 x 252 mm (13-3/16 x 3-25/32*6 x 9-29/32 inches)	335 x 96*6 x 252 mm (13-3/16 x 3-25/32*6 x 9-29/32 inches)	335 x 96*6 x 252 mm (13-3/16 x 3-25/32*6 x 9-29/32 inches)	335 x 96*6 x 252 mm (13-3/16 x 3-25/32*6 x 9-29/32 inches)	335 x 96*6 x 252 mm (13-3/16 x 3-25/32*6 x 9-29/32 inches)
Weight*4	Approx. 2.9 kg/6.4 lbs	Approx. 2.9 kg/6.4 lbs	Approx. 2.9 kg/6.4 lbs	Approx. 2.9 kg/6.4 lbs	Approx. 2.8 kg/6.2 lbs

Features

	PT-LW333	PT-LB423	PT-LB383	PT-LB353	PT-LB303
Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter
Emulation	-	-	-	-	-
Daylight View	Daylight View Lite	Daylight View Lite	Daylight View Lite	Daylight View Lite	Daylight View Lite
Corner Keystone	Yes	Yes	Yes	Yes	-
Curved Screen Correction	Yes	Yes	Yes	Yes	-
Wireless Ready	Presenter light*5, VueMagic™ Pro for iOS/Android*5*7	Presenter light*5, VueMagic™ Pro for iOS/Android*5*7	Presenter light*5, VueMagic™ Pro for iOS/Android*5*7	Presenter light*5, VueMagic™ Pro for iOS/Android*5*7	-
USB Memory Viewer	Yes	Yes	Yes	Yes	-
USB Display	Yes	Yes	Yes	Yes	-
Audio Out During Standby	-	-	-	-	-

Accessory

	PT-LW333	PT-LB423	PT-LB383	PT-LB353	PT-LB303
Replacement lamp	ET-LAL500	ET-LAL500	ET-LAL500	ET-LAL500	ET-LAL500
Optional accessories	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL420B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-WML100 (Wireless module) ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL420B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-WML100 (Wireless module) ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL420B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-WML100 (Wireless module) ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL420B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-WML100 (Wireless module) ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL420B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-ADSV (D-Sub/S-VIDEO conversion cable)
Standard accessories	Power cord, wireless remote control unit, batteries for remote control unit, RGB signal cable, software CD-ROM (Multi Monitoring and Control Software)	Power cord, wireless remote control unit, batteries for remote control unit, RGB signal cable, software CD-ROM (Multi Monitoring and Control Software)	Power cord, wireless remote control unit, batteries for remote control unit, RGB signal cable, software CD-ROM (Multi Monitoring and Control Software)	Power cord, wireless remote control unit, batteries for remote control unit, RGB signal cable, software CD-ROM (Multi Monitoring and Control Software)	Power cord, wireless remote control unit, batteries for remote control unit, RGB signal cable, software CD-ROM (Multi Monitoring and Control Software)

*1: The usage environment affects the lamp replacement cycle.
*2: Input signals that exceed the native resolution will be converted to the native resolution.
*3: The screen size is that of the original aspect ratio. *4: Average value. Each product has an individual variable in weight.

*5: To operate wireless projection, the optional wireless module ET-WML100 is required.
*6: Height: with legs at shortest position. *7: VueMagic™ Pro is a product of Pixelworks, Inc. For detailed information, refer to the following website. http://vuemagic.pixelworks.com

Portable

		PT-**LB280***5	PT-**SX320A***7 NEW	PT-**SX300A***7 NEW	PT-**SW280A***7 NEW
		LCD Projector 2,800 lm | XGA	LCD Projector WIRELESS*8 3,200 lm | XGA	LCD Projector WIRELESS*8 3,000 lm | XGA	LCD Projector WIRELESS*8 2,800 lm | WXGA
Optical	Panel type	16.0 mm (0.63 inches) LCD x 3	16.0 mm (0.63 inches) LCD x 3	16.0 mm (0.63 inches) LCD x 3	15.0 mm (0.59 inches) LCD x 3
	Aspect ratio	4:3	4:3	4:3	16:10
	Lamp	230 W UHM	230 W UHM	230 W UHM	230 W UHM
	Lamp life*1	5,000 hours (NORMAL)/ 6,000 hours (ECO1)/8,000 hours (ECO2)	4,000 hours (NORMAL)/ 5,000 hours (ECO)	4,000 hours (NORMAL)/ 5,000 hours (ECO)	4,000 hours (NORMAL)/ 5,000 hours (ECO)
	Brightness	2,800 lm	3,200 lm	3,000 lm	2,800 lm
	Lens (throw ratio)	F 2.1-2.25, f 19.11-22.94 mm (1.47-1.77:1)	F 1.65-1.93, f 18.53-22.18 mm (1.4-1.7:1)	F 1.65-1.93, f 18.53-22.18 mm (1.4-1.7:1)	F 1.65-1.93, f 18.53-22.18 mm (1.4-1.7:1)
	Contrast (full on/full off)	10,000:1	2,000:1	2,000:1	2,000:1
	Resolution native/maximum*2	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)
	Screen size (diagonal)*3	0.76-7.62 m (30-300 inches)	0.84-7.62 m (33-300 inches)	0.84-7.62 m (33-300 inches)	0.84-7.62 m (33-300 inches)
	Lens shift	6:1 (fixed)	fixed	fixed	fixed
Interface	Built-in speaker	2.0 W (monaural)	1.0 W (monaural)	1.0 W (monaural)	1.0 W (monaural)
	Terminals	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in [D-sub HD 15-pin x 1 (RGB/YP$_B$P$_R$/YC$_B$C$_R$/S-VIDEO x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in [D-sub HD 15-pin x 1 (RGB/YP$_B$P$_R$/YC$_B$C$_R$/YC x 1)] Video in [Pin jack x 1] Audio in [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] VIEWER / WIRELESS [USB type-A x 1]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in [D-sub HD 15-pin x 1 (RGB/YP$_B$P$_R$/YC$_B$C$_R$/YC x 1)] Video in [Pin jack x 1] Audio in [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] VIEWER / WIRELESS [USB type-A x 1]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in [D-sub HD 15-pin x 1 (RGB/YP$_B$P$_R$/YC$_B$C$_R$/YC x 1)] Video in [Pin jack x 1] Audio in [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] VIEWER / WIRELESS [USB type-A x 1]
General	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	Power consumption	300 W	295 W	295 W	295 W
	Operation noise	37 dB (NORMAL)/33 dB (ECO1)/28 dB (ECO2)	–	–	–
	Dimensions (W x H x D)	335 x 96*6 x 252 mm (13-3/16 x 3-25/32*6 x 9-29/32 inches)	307 x 80*6 x 210 mm	307 x 80*6 x 210 mm	307 x 80*6 x 210 mm
	Weight*4	Approx. 2.8 kg/6.2 lbs	Approx. 2.3 kg	Approx. 2.3 kg	Approx. 2.3 kg
Features	Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter
	Emulation	–	–	–	–
	Daylight View	Daylight View Lite	Daylight View Basic	Daylight View Basic	Daylight View Basic
	Corner Keystone	–	Yes	Yes	Yes
	Curved Screen Correction	–	Yes	Yes	Yes
	Wireless Ready	–	Presenter light*8, VueMagic™ Pro for iOS/Android*8*9	Presenter light*8, VueMagic™ Pro for iOS/Android*8*9	Presenter light*8, VueMagic™ Pro for iOS/Android*8*9
	USB Memory Viewer	–	Yes (Memory Viewer Light function)	Yes (Memory Viewer Light function)	Yes (Memory Viewer Light function)
	USB Display	–	–	–	–
	Audio Out During Standby	–	–	–	–
Accessory	Replacement lamp	ET-LAL500	ET-LAL600	ET-LAL600	ET-LAL600
	Optional accessories	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL420B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKB2 (Ceiling mount bracket) ET-WML100E (Wireless module) ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKB2 (Ceiling mount bracket) ET-WML100E (Wireless module) ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKB2 (Ceiling mount bracket) ET-WML100E (Wireless module) ET-ADSV (D-Sub/S-VIDEO conversion cable)
	Standard accessories	Power cord, wireless remote control unit, batteries for remote control unit, RGB signal cable, software CD-ROM (Multi Monitoring and Control Software)	Power cord, wireless remote control unit, batteries for remote control unit, RGB signal cable, software CD-ROM (Logo Transfer Software)	Power cord, wireless remote control unit, batteries for remote control unit, RGB signal cable, software CD-ROM (Logo Transfer Software)	Power cord, wireless remote control unit, batteries for remote control unit, RGB signal cable, software CD-ROM (Logo Transfer Software)

*1: The usage environment affects the lamp replacement cycle. *2: Input signals that exceed the native resolution will be converted to the native resolution. *3: The screen size is that of the original aspect ratio. *4: Average value. Each product has an individual variable in weight. *5: Discontinued and only available while supplies last.

*6: Height: with legs at shortest position. *7: The availability varies depending on the country. *8: To operate wireless projection, the optional wireless module ET-WML100E is required. *9: VueMagic™ Pro is a product of Pixelworks, Inc. For detailed information, refer to the following website. http://vuemagic.pixelworks.com

Short Throw

		PT-**CW331R**	PT-**TW351R** `NEW`	PT-**TW350** `NEW`	PT-**TX410** `NEW`	PT-**TX320** `NEW`
		1-Chip DLP™ Projector / 3,100 lm / WXGA / Interactive / 3D PROFESSIONAL	LCD Projector / 3,300 lm / WXGA / Interactive / WIRELESS*6	LCD Projector / 3,300 lm / WXGA / WIRELESS*6	LCD Projector / 3,800 lm / XGA / WIRELESS*6	LCD Projector / 3,200 lm / XGA / WIRELESS*6
Optical	Panel type	16.5 mm (0.65 inches) DLP™ chip x 1	15.0 mm (0.59 inches) LCD x 3	15.0 mm (0.59 inches) LCD x 3	16.0 mm (0.63 inches) LCD x 3	16.0 mm (0.63 inches) LCD x 3
	Aspect ratio	16:10	16:10	16:10	4:3	4:3
	Lamp	280 W UHM	230 W UHM	230 W UHM	230 W UHM	230 W UHM
	Lamp life*1	3,000 hours (NORMAL)/ 4,000 hours (ECO)	5,000 hours (NORMAL)/ 6,000 hours (ECO1)/10,000 hours (ECO2)	5,000 hours (NORMAL)/ 6,000 hours (ECO1)/10,000 hours (ECO2)	5,000 hours (NORMAL)/ 6,000 hours (ECO1)/10,000 hours (ECO2)	5,000 hours (NORMAL)/ 6,000 hours (ECO1)/10,000 hours (ECO2)
	Brightness	3,100 lm	3,300 lm	3,300 lm	3,800 lm	3,200 lm
	Lens (throw ratio)	F 2.6, f -5.27 mm (0.35:1)	F 1.8, f 6.08 mm (0.46:1)	F 1.8, f 6.08 mm (0.46:1)	F 1.8, f 6.08 mm (0.46:1)	F 1.8, f 6.08 mm (0.46:1)
	Contrast (full on/full off)	8,000:1	16,000:1	16,000:1	16,000:1	16,000:1
	Resolution native/maximum*2	WXGA (1,280 x 800)/WSXGA+ (1,680 x 1,050)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)
	Screen size (diagonal)*3	1.78-2.54 m (70-100 inches)	1.27-2.54 m (50-100 inches)	1.27-2.54 m (50-100 inches)	1.27-2.54 m (50-100 inches)	1.27-2.54 m (50-100 inches)
	Lens shift	–	7.25:1 (fixed)	7.25:1 (fixed)	21:1 (fixed)	21:1 (fixed)
Interface	Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
	Terminals	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Computer audio in [M3 x 2 (L-R x 2)] Video audio in [Pin jack x 2 (L x 1, R x 1)] S-Video audio in [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] Mini USB [Mini USB x 1, for interactive function]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR/S-VIDEO x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB A [USB type-A x 1] USB B [USB type-B x 1] Mini USB [Mini USB x 1, for interactive function]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR/S-VIDEO x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB A [USB type-A x 1] USB B [USB type-B x 1]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR/S-VIDEO x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB A [USB type-A x 1] USB B [USB type-B x 1]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPBPR/YCBCR/S-VIDEO x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB A [USB type-A x 1] USB B [USB type-B x 1]
General	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	Power consumption	340 W	300 W	300 W	300 W	300 W
	Operation noise	37 dB (NORMAL)/33 dB (ECO)	37 dB (NORMAL)/33 dB (ECO1)/28 dB (ECO2)	37 dB (NORMAL)/33 dB (ECO1)/28 dB (ECO2)	37 dB (NORMAL)/33 dB (ECO1)/28 dB (ECO2)	37 dB (NORMAL)/33 dB (ECO1)/28 dB (ECO2)
	Dimensions (W x H x D)	357 x 250*5 x 367 mm (14-1/16 x 9-27/32*5 x 14-29/64 inches)	335 x 134.1*5 x 329 mm (13-3/16 x 5-1/4*5 x 12-15/16 inches)	335 x 134.1*5 x 329 mm (13-3/16 x 5-1/4*5 x 12-15/16 inches)	335 x 134.1*5 x 329 mm (13-3/16 x 5-1/4*5 x 12-15/16 inches)	335 x 134.1*5 x 329 mm (13-3/16 x 5-1/4*5 x 12-15/16 inches)
	Weight*4	Approx. 7.8 kg/17.2 lbs	Approx. 3.9 kg/8.6 lbs	Approx. 3.9 kg/8.6 lbs	Approx. 3.9 kg/8.6 lbs	Approx. 3.9 kg/8.6 lbs
Features	Daylight View	–	Daylight View Lite	Daylight View Lite	Daylight View Lite	Daylight View Lite
	Corner Keystone	–	Yes	Yes	Yes	Yes
	Curved Screen Correction	–	Yes	Yes	Yes	Yes
	3D Ready	Yes	–	–	–	–
	Interactive Function	Yes	Yes	–	–	–
	Wireless Ready	–	Presenter light*6, VueMagic™ Pro for iOS/Android*6*7	Presenter light*6, VueMagic™ Pro for iOS/Android*6*7	Presenter light*6, VueMagic™ Pro for iOS/Android*6*7	Presenter light*6, VueMagic™ Pro for iOS/Android*6*7
	USB Memory Viewer	–	Yes	Yes	Yes	Yes
	USB Display	–	Yes	Yes	Yes	Yes
	Audio Out During Standby	Yes	–	–	–	–
Accessory	Replacement lamp	ET-LAC300	ET-LAL500	ET-LAL500	ET-LAL500	ET-LAL500
	Optional accessories	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKC200B (Bracket assembly) ET-PKC200W (Wall mount bracket) ET-PEN100 (Interactive pen) ET-PNT100 (Interactive pointer)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL430B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-ADSV (D-Sub/S-VIDEO conversion cable) ET-WML100 (Wireless module) ET-PEN100 (Interactive pen) ET-PNT100 (Interactive pointer)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL430B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-ADSV (D-Sub/S-VIDEO conversion cable) ET-WML100 (Wireless module)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL430B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-ADSV (D-Sub/S-VIDEO conversion cable) ET-WML100 (Wireless module)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL430B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-ADSV (D-Sub/S-VIDEO conversion cable) ET-WML100 (Wireless module)
	Standard accessories	Power cord, power cord cover, wireless remote control unit, battery for remote control unit, computer cable, USB cable, interactive pen (x 2), batteries for interactive pen, software CD-ROM (LightPen3)	Power cord, wireless remote control unit, battery for remote control unit, computer cable, USB cable, interactive pen (x 2), batteries for interactive pen, software CD-ROM (Multi Monitoring and Control Software, LightPen3)	Power cord, wireless remote control unit, battery for remote control unit, computer cable, software CD-ROM (Multi Monitoring and Control Software)	Power cord, wireless remote control unit, battery for remote control unit, computer cable, software CD-ROM (Multi Monitoring and Control Software)	Power cord, wireless remote control unit, battery for remote control unit, computer cable, software CD-ROM (Multi Monitoring and Control Software)

*1: The usage environment affects the lamp replacement cycle.
*2: Input signals that exceed the native resolution will be converted to the native resolution.
*3: The screen size is that of the original aspect ratio. *4: Average value. Each product has an individual variable in weight.
*5: Height: with legs at shortest position.
*6: To operate wireless projection, the optional wireless module ET-WML100 is required. *7: VueMagic™ Pro is a product of Pixelworks, Inc. For detailed information, refer to the following website. http://vuemagic.pixelworks.com

Supporting Stable Operation

SOFTWARE

Multi Monitoring & Control Software

This free Panasonic software offers monitoring and control of up to 2,048 devices over a LAN network from a single PC. For monitoring, status for individual devices can be listed in groups, with more detailed information shown separately. Control functions include power ON/OFF, input switching, scheduling, and command inputs.

Concept for Multi Monitoring and Control Software

Exhibition	Seminar room	Lecture room	Classroom

Early Warning Software ET-SWA100 Series (optional)

Early Warning Software monitors the status of projectors and displays connected to an intranet and informs you when an abnormality is detected or predicted,* and when there are symptoms of trouble. This minimizes downtime to provide more stable operation.

* Please note that the software does not guarantee the prediction of all device breakdowns in all instances.

Advantages
● Advance notice of required maintenance and problem prediction help to prevent or minimize downtime.
● Remote monitoring from your own device allows you to greatly speed up troubleshooting.
● Can be smoothly integrated to your existing monitoring system by using SNMP protocol.

Status Screen

Steps from Download to Usage

1. **Download ET-SWA100 from PASS**
   http://panasonic.net/avc/projector/pass/

2. **Install for free trial**
   A free, 90-day trial version for monitoring up to 2,048 projectors is abilable.

3. **Enjoy Full Production!**
   Get a license key for the number of projectors to be connected, and activate the software.

Hour Meter Screen

For more information, please visit the website. **>>> panasonic.net/avc/projector/software/**

45

Space Player
Track Mount Type

NEW

		PT-JW130G / PT-JW130H	PT-JX200G / PT-JX200H
		1-Chip DLP™ Projector 1,000 lm · WXGA · Portrait * Available in white/black cabinet.	1-Chip DLP™ Projector 2,000 lm · XGA · Portrait * Available in white/black cabinet.
Optical	Panel type	11.4 mm (0.45 inches) DLP™ chip x 1	14.0 mm (0.55 inches) DLP™ chip x 1
	Aspect ratio	16:10	4:3
	Light source	Laser diode	Laser diode
	Light source life*1	20,000 hours	20,000 hours
	Brightness	1,000 lm	2,000 lm
	Lens (throw ratio)	F 2.0-2.7, f 15.2-32.7 mm (1.5-3.3:1)	F 2.0-2.7, f 15.2-32.7 mm
	Contrast (full on/full off)	1,000:1	1,000:1
	Resolution	WXGA comparable	XGA
	Screen size (diagonal)*2	0.76-5.08 m (30-200 inches)	0.76-5.08 m (30-200 inches)
Interface	Terminals	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Audio out [M3 x 1 (L-R x 1)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] USB [USB type-A x 1, for power supply (DC 5 V, up to 900 mA)]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Audio out [M3 x 1 (L-R x 1)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] USB [USB type-A x 1, for power supply (DC 5 V, up to 2.0 A)]
	Card slot	SD card slot x 1 (supports SDHC memory card)	SD card slot x 1 (supports SDHC memory card)
General	Power supply	PT-JW130G: 100-240 V AC, 1.4-0.6 A, 50/60 Hz PT-JW130H: 120 V AC, 1.2 A, 50/60 Hz	PT-JX200G: 100-240 V AC, 2.7-1.1 A, 50/60 Hz PT-JX200H: 120 V AC, 2.3 A, 50/60 Hz
	Power consumption	125 W	240 W
	Operation noise	36 dB (NORMAL)/30 dB (ECO)	33 dB (NORMAL)/30 dB (ECO)
	Weight*3	Approx. 3.2 kg/7.1 lbs	Approx. 4.5 kg/9.9 lbs
Accessory	Optional accessories	ET-JPC100 (Ceiling kit for direct mount type PT-JW130F) ET-JPF100 (Floor stand kit for direct mount type PT-JW130F)	ET-JPC200 (Mount bracket for direct mount type PT-JX200F) ET-JPF200 (Floor stand kit for direct mount type PT-JX200F)
	Standard accessories	wireless remote control unit, batteries for remote control unit, CD-ROM (Multi Monitoring and Control Software, Wireless Manager)	wireless remote control unit, batteries for remote control unit, CD-ROM (Multi Monitoring and Control Software, Wireless Manager)

*1: At this time the brightness would have decreased to approximately 1/2 of its original level. After approximately 20,000 hours, cleaning needs to be performed (by the vendor which you purchased from). The light source's lifetime may be shortened due to environmental conditions and operating mode.
*2: The screen size is that of the original aspect ratio. *3: Average value. Each product has an individual variable in weight.

The Space Player is available in a Track Mount Type for installation on a duct rail, and a Direct Mount Type for installation on the ceiling or floor.

Direct Mount Type

Ceiling Installation Type	Floor Type	Ceiling Installation Type	Floor Type
PT-**JW130F** + ET-**JPC100** (Ceiling kit)	PT-**JW130F** + ET-**JPF100** (Floor stand kit)	PT-**JX200F** + ET-**JPC200** (Mount bracket)	PT-**JX200F** + ET-**JPF200** (Floor stand kit)

For more information about Space Player, please visit the website. **>>> panasonic.net/avc/projector/products/spaceplayer/**

46

Optional Lenses Compatibility Chart

Large-Venue: 3-Chip DLP™ Projector

For the **PT-RQ32K/RQ13K** (4K+), **PT-RZ31K/RZ12K/DZ21K2/DZ13K/DZ10K** (WUXGA),
PT-DZ16K2 (Full HD), **PT-DW17K2/DW11K** (WXGA), **PT-RS30K/RS11K/DS20K2/DS12K** (SXGA+)

Lens type		Fixed-focus lens	Fixed-focus lens	Zoom lens	Zoom lens	Zoom lens	Zoom lens	Zoom lens	Zoom lens
Model number		ET-**D75LE95**	ET-**D75LE50**	ET-**D75LE6**	ET-**D75LE10**	ET-**D75LE20**	ET-**D75LE30**	ET-**D75LE40**	ET-**D75LE8**
F value		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5-2.7
Focal distance (f)		7.5 mm	14.8 mm	19.63-23.54 mm	27.4-35.4 mm	35.0-50.9 mm	50.5-97.9 mm	96.6-154.1 mm	154-289 mm
Throw ratio	4K+ (16:10)	0.39:1	0.7:1	1.0-1.2:1	1.4-1.8:1	1.8:2.6:1	2.6-5.0:1	4.9-7.9:1	7.9-14.8:1
	WUXGA (16:10)	0.36:1	0.7:1	0.9-1.1:1	1.3-1.7:1	1.7-2.4:1	2.4-4.7:1	4.6-7.4:1	7.3-13.8:1
	Full HD (16:9)	0.36:1	0.7:1	0.9-1.1:1	1.3-1.7:1	1.7-2.4:1	2.4-4.7:1	4.6-7.4:1	7.3-13.8:1
	WXGA (16:9)	0.40:1	0.8:1	1.0-1.2:1	1.4-1.9:1	1.8-2.7:1	2.7-5.2:1	5.1-8.2:1	8.2-15.4:1
	SXGA+ (4:3)	0.39:1	0.8:1	1.0-1.2:1	1.4-1.8:1	1.8-2.6:1	2.6-5.1:1	5.0-8.2:1	7.9-15.0:1
Dimensions (W x H x D)		154 x 154 x 448.5 mm	160 x 160 x 347 mm	160 x 160 x 356.5 mm	150 x 150 x 269 mm	134 x 134 x 265 mm	134 x 134 x 265 mm	130 x 130 x 268 mm	150 x 150 x 404 mm
Weight		Approx. 6.5 kg/14.3 lbs	Approx. 7.1 kg/15.7 lbs	Approx. 8.7 kg/19.2 lbs	Approx. 6.1 kg/13.4 lbs	Approx. 5.2 kg/11.5 lbs	Approx. 5.2 kg/11.5 lbs	Approx. 5.0 kg/11.0 lbs	Approx. 8.5 kg/18.7 lbs

Large-Venue: LCD Projector

For the **PT-EX16K, PT-EX12K** (XGA)

Lens type		Fixed-focus lens	Zoom lens	Zoom lens	Zoom lens	Zoom lens	Zoom lens	Zoom lens	Zoom lens	Zoom lens
Model number		ET-ELW03	ET-ELW06	ET-ELW02	ET-ELW04	ET-ELS02	ET-ELS03	ET-ELM01	ET-ELT02	ET-ELT03
F value		2.6	2.3-2.8	2.5-2.9	1.7-2.3	2.0-2.3	1.7-2.6	2.0-2.6	2.0-2.9	2.5-2.5
Focal distance (f)		30 mm	46-58 mm	52-68 mm	58-76 mm	76-98 mm	97-131 mm	125-162 mm	158-221 mm	224-325 mm
Throw ratio	XGA (4:3)	0.8:1	1.2-1.5:1	1.4-1.8:1	1.5-2.0:1	2.0-2.6:1	2.6-3.5:1	3.5-4.5:1	4.4-6.2:1	6.3-9.0:1
Dimensions (W x H x D)		175 x 175 x 238 mm	142 x 140 x 251 mm	122 x 114 x 203 mm	133 x 122 x 227.5 mm	130 x 116 x 232 mm	146 x 137 x 264 mm	120 x 110 x 183 mm	131 x 130 x 249 mm	169 x 171 x 461 mm
Weight		Approx. 3.1 kg/6.8 lbs	Approx. 3.0 kg/6.6 lbs	Approx. 2.2 kg/4.9 lbs	Approx. 2.8 kg/6.2 lbs	Approx. 1.8 kg/4.0 lbs	Approx. 3.7 kg/8.2 lbs	Approx. 1.9 kg/4.2 lbs	Approx. 3.1 kg/6.8 lbs	Approx. 7.3 kg/16.1 lbs

Installation: 1-Chip DLP™ Projector

For the **PT-RZ970/RZ770/RZ660/DZ870/DZ780** (WUXGA),
PT-RW930/RW730/RW620/DW830/DW750 (WXGA), **PT-RX110/DX100/DX820** (XGA)

Lens type		Fixed-focus lens	Fixed-focus lens	Zoom lens	Zoom lens	Zoom lens	Zoom lens (supplied lens)*	Zoom lens	Zoom lens	Zoom lens
Model number		ET-**DLE030**	ET-**DLE055**	ET-**DLE085**	ET-**DLE105**	ET-**DLE150**	ET-**DLE170**	ET-**DLE250**	ET-**DLE350**	ET-**DLE450**
F value		2.0	1.8	1.85-2.20	1.85-2.35	1.8-2.4	1.7-1.9	1.8-2.4	1.8-2.2	1.8-2.4
Focal distance (f)		5.3 mm	11.9 mm	11.8-14.6 mm	14.7-19.7 mm	19.4-27.9 mm	25.6-35.7 mm	33.9-53.2 mm	52.8-79.5 mm	79.5-125.2 mm
Throw ratio	WUXGA (16:10)	0.38:1	0.8:1	0.8-1.0:1	1.0-1.3:1	1.3-1.9:1	1.7-2.4:1	2.3-3.6:1	3.6-5.4:1	5.4-8.6:1
	WXGA (16:10)	0.40:1	0.8:1	0.8-1.0:1	1.0-1.4:1	1.4-2.0:1	1.8-2.5:1	2.4-3.8:1	3.8-5.7:1	5.6-9.0:1
	XGA (4:3)	0.39:1	0.8:1	0.8-1.0:1	1.0-1.4:1	1.3-2.0:1	1.8-2.5:1	2.4-3.7:1	3.7-5.6:1	5.5-8.9:1
Dimensions (W x H x D)		132 x 102 x 311 mm	95 x 95 x 150 mm	140 x 140 x 206 mm	140 x 140 x 210 mm	95 x 95 x 168 mm	95 x 95 x 166 mm	95 x 95 x 168 mm	95 x 95 x 169 mm	95 x 95 x 210 mm
Weight		Approx 1.3 kg/3.1 lbs	Approx. 0.8 kg/1.8 lbs	Approx. 1.3 kg/2.9 lbs	Approx. 1.3 kg/2.9 lbs	Approx. 1.1 kg/2.4 lbs	Approx. 0.9 kg/2.0 lbs	Approx. 1.0 kg/2.2 lbs	Approx. 1.1 kg/2.4 lbs	Approx. 1.3 kg (2.9 lbs)

* The ET-DLE170 is equivalent of supplied lens. Availability varies depending on the country.

Optional Lenses Compatibility Chart

▌ Installation: LCD Projector

For the PT-EZ770Z (WUXGA), PT-EW730Z (WXGA), PT-EX800Z (XGA)

Lens type	Fixed-focus lens	Zoom lens	Zoom lens	Zoom lens (supplied lens)*
Model number	ET-**ELW21**	ET-**ELW22**	ET-**ELW20**	ET-**ELS20**
F value	2.0	2.0 -2.4	1.8 -2.3	1.7-2.3
Focal distance (f)	13.05 mm	13.27-16.56 mm	20.4-27.6 mm	26.9-45.4 mm
Throw ratio WUXGA (16:10)	0.8:1	0.78 -0.98:1	1.3-1.7:1	1.7-2.8:1
WXGA (16:10)	0.8:1	0.78 -0.98:1	1.3-1.7:1	1.7-2.8:1
XGA (4:3)	0.8:1	0.8 -1.0:1	1.3-1.7:1	1.7-2.8:1
Dimensions (W x H x D)	108 x 108 x 166 mm	133 x 133 x 211 mm	116 x 116 x 196 mm	108 x 108 x 176 mm
Weight	Approx. 1.08 kg/2.4 lbs	Approx. 1.2 kg/2.7 lbs	Approx. 1.20 kg/2.6 lbs	Approx. 0.9 kg/2.0 lbs

Lens type	Zoom lens	Zoom lens
Model number	ET-**ELT20**	ET-**ELT21**
F value	1.8 -2.3	1.8 -2.3
Focal distance (f)	45.6-73.8 mm	74.8-118.2 mm
Throw ratio WUXGA (16:10)	2.8-4.6:1	4.6-7.2:1
WXGA (16:10)	2.8-4.6:1	4.6-7.2:1
XGA (4:3)	2.8-4.6:1	4.6-7.2:1
Dimensions (W x H x D)	108 x 108 x 197 mm	108 x 108 x 196 mm
Weight	Approx. 1.18 kg/2.6 lbs	Approx. 1.20 kg/2.6 lbs

* The ET-ELS20 is equivalent of supplied lens. Availability varies depending on the country.

For the PT-EZ590 (WUXGA), PT-EW650/EW550 (WXGA), PT-EX620/EX520 (XGA)

Lens type	Zoom lens	Zoom lens	Zoom lens	Zoom lens
Model number	ET-**ELW31**	ET-**ELW30**	ET-**ELT30**	ET-**ELT31**
F value	1.7-2.0	1.7-1.99	1.7-2.24	1.7-2.3
Focal distance (f)	10.46-13.61 mm	13.09-17.03 mm	31.34-56.79 mm	56.41-101.66 mm
Throw ratio WUXGA (16:10)	0.74-0.96:1	0.96-1.21:1	2.23-4.02:1	4.02-7.28:1
WXGA (16:10)	0.74-0.96:1	0.96-1.21:1	2.23-4.02:1	4.02-7.28:1
XGA (4:3)	0.79-1.08:1	1.00-1.30:1	2.39-4.36:1	4.34-7.86:1
Dimensions (W x H x D)	127.4 x 127.4 x 194.5 mm	127.4 x 127.4 x 194 mm	110 x 110 x 205.1 mm	110 x 110 x 214.5 mm
Weight	Approx. 1.20 kg/2.6 lbs	Approx. 1.20 kg/2.6 lbs	Approx. 1.52 kg/3.4 lbs	Approx. 1.55 kg/3.4 lbs

---

Geometric Adjustment Feature and Upgrade Kits expand projection capability

FEATURES

Geometric Adjustment

Projectors with a built-in Geometric Adjustment function expand projection capability onto spherical, cylindrical and other specially shaped screens.

Geometry Manager Pro Software and Upgrade Kit   More Flexible & Functional Upgrade Kits

■ **Upgrade Kit for Geometry Manager Pro** (ET-UK20)
Expands the correctable range for Geometry Manager Pro Software. Custom Masking, Uniformity Correction, and other useful functions for multi-projector setups are supported.

■ **Auto Screen Adjustment Upgrade Kit** (ET-CUK10/CUK10P)*2
This is the plug-in software and expands the functions of Geometry Manager Pro. Allows automatic adjustment of geometry correction, edge blending, color, and brightness according to the shape of the screen through use of an externally connected camera.

Compatible Projector Models

	PT-RQ32K	PT-RZ31K	PT-RS30K	PT-RQ13K	PT-RZ12K	PT-RS11K	PT-DZ21K2	PT-DS20K2	PT-DW17K2	PT-DZ16K2	PT-DZ13K	PT-DS12K	PT-DZ10K
Geometric Adjustment	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes*1
Geometry Manager Pro Software	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes
ET-UK20	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No
ET-CUK10/CUK10P*2	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes

	PT-RZ970	PT-RW930	PT-RX110	PT-RZ770	PT-RW730	PT-RZ660	PT-RW620	PT-DZ870	PT-DZ780	PT-DW750	PT-DX820
Geometric Adjustment	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Geometry Manager Pro Software	Yes	No	No	Yes	No	Yes	No	Yes	Yes	No	No
ET-UK20	Yes	No	No	Yes	No	Yes	No	Yes	Yes	No	No
ET-CUK10/CUK10P*2	Yes	No	No	Yes	No	Yes	No	Yes	Yes	No	No

*1: The PT-DZ10K does not feature 4-Corner Adjustment and Keep Aspect Off functions.
*2: A firmware update is required to use these functions. Available for use worldwide except in the United States. Availability varies depending on the country. For more information, please contact the sales company in your region.
Note: The PT-DW11K, PT-DW830 and PT-DX100, does not support Geometric Adjustment feature and upgrade kits.

For downloading/activating the software and optional upgrade kits

PASS (Projector & Professional Display Asset Support System)

Providing comprehensive support for all Panasonic projector and professional display owners and people who are interested in those products.

Utility Software can be downloaded from PASS
- Auto Screen Adjustment Upgrade Kit (ET-CUK10/CUK10P) (For use worldwide except in the United States.)
- Geometry Manager Pro and Upgrade Kit (ET-UK20)
- Early Warning Software (ET-SWA100 series)

For more information, please visit the PASS system >>> panasonic.net/avc/projector/pass/

For more flexible/precise installation

Throw Distance Calculator (HTML/Flash version)

This estimates the projection screen size and distance of your projector. And the Lens Finder feature helps you to find the most appropriate optional lens.

For more information, please visit the website >>> panasonic.net/avc/projector/calculator/