



PT-RQ6L

1-Chip DLP™ 4K

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Key Features

4K



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| Projector type | 1- DLP™ |
| Display method | DLP™ x 1, DLP™ ◆ ◆ |
| Display Device -> Panel size | 16.5 mm (0.65 in) diagonal (16:9 aspect ratio) |
| Display Device -> Number of pixels | 2,073,600 (1920 x 1080 pixels) |
| Light source | Laser diode |
| Light output *1 *2 | 6,500 lm |
| Light output (ANSI) *1 *3 | 6,500 lm |
| Light output (Center) *1 *4 | PT-RQ7L/RZ7L : 7,700 lmPT-RQ6L/RZ6L : 6,700 LM |
| Time until light output declines to 50 % | 20,000 [NORMAL] |
| -> NORMAL *5 | |
| Time until light output declines to 50 % | 24,000 [ECO] |
| -> ECO *5 | |
| Time until light output declines to 50 % | 20,000 hours [QUIET] |
| -> QUIET *5 | |
| Resolution | 4K (3840 x 2160 pixels) (Quad Pixel Drive: ON) |
| Contrast Ratio (typ.) *2 | 15,000:1 (Full On/Full Off, Dynamic Contrast [3]) (TBD) |
| Screen size (diagonal) | 1.27-5.08 m (50-200 in) with ET-DLE055, 1.27-15.24 m (50-600 in) with ET-DLE060/ET-DLE085/ET-DLE105/ET-DLE150/ET-DLE170/ET-DLE250/ET-DLE350, 2.54-8.89 m (100-350 in) with ET-DLE035, 2.54-10.16 m (100-400 in) with ET-DLE020 |
| Center-to-corner zone ratio *2 | 90% |
| Lens | Optional (no lens included with this model) |
| Lens shift -> Vertical(from center of screen) | +55 %, -18 % (with ET-DLE020/ET-DLE085/ET-DLE105/ET-DLE150/ET-DLE170/ET-DLE250/ET-DLE350/ET-DLE450), +44 %, -18 % (with ET-DLE060) (TBD) |
| Lens shift -> Horizontal(from center of screen) | +30 %, -10 % (with ET-DLE150/ET-DLE170/ET-DLE250/ET-DLE350/ET-DLE450); +28 %, -10 % (with ET-DLE085/ET-DLE105); +19 %, -10 % (with ET-DLE060); +10 %, -20 % (with ET-DLE020) (TBD) |
| Keystone correction range | (TBD) |
| Installation | / , / , 360 |
| Terminals -> HDMI™ IN | HDMI™ x 2 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input*5) |
| Terminals -> SERIAL IN | D-sub 9-pin (female) x 1 for external control (RS-232C compliant) |
| Terminals -> SERIAL OUT | D-sub 9-pin (male) x 1 for link control (RS-232C compliant) |
| Terminals -> REMOTE 1 IN | M3 stereo mini-jack x 1 for wired remote control |
| Terminals -> REMOTE 1 OUT | M3 stereo mini-jack x 1 for link control (for wired remote control) |
| Terminals -> DIGITAL LINK IN / LAN | RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBase™ compliant), 100Base-TX (Compatible with PLink™ [Class 2], Art-Net, HDCP 2.3, Deep Color, 4K/60p*5 *6 signal input) |
| Terminals -> LAN | RJ-45 x 1 for network connection, PLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible |
| Terminals -> DC OUT | USB Type A x 1 (for power supply, DC 5 V, 2 A) |
| Terminals -> USB TYPE A | USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module/USB memory (dual-use with DC OUT terminal) |
| Terminals -> SLOT | Open slot for function boards, Intel® SDM standard SLOT-compatible |
| Protocol versions | IPv4, IPv6*7 |
| Power supply | AC 100-240 V, 50/60 Hz |
| Maximum power consumption *13 | 650 W (6.6-2.9 A) (660 VA) (TBD) |
| On-mode power consumption(Operating mode) -> Normal *13 | [NORMAL] 500 W (TBD) |
| On-mode power consumption(Operating mode) -> Eco *13 | [ECO] 370 W (TBD) |
| On-mode power consumption(Operating mode) -> Quiet *13 | [QUIET] 365 W (TBD) |
| Cabinet materials | Molded plastic |
| Filter *14 | No |
| Operation noise -> Normal | 35 dB [NORMAL] (TBD) |
| Operation noise -> Eco | 35 dB [ECO] (TBD) |
| Operation noise -> Quiet | 32 dB [QUIET] (TBD) |
| Body Colour | Black |
| Dimensions (W x H x D) | Approx. 498 x 170 x 440 mm (19 19/32" x 6 11/16" x 17 5/16") (With legs at shortest position, excluding protruding parts) |
| Dimensions (W x H x D) -> Width (not including protruding parts) | 498 mm (19 19/32") |
| Dimensions -> Height (including protruding parts) | 170 mm (6 11/16") |
| Dimensions -> Depth (not including protruding parts) | 538 mm (17 5/16") |
| Gross Dimensions (W x H x D in mm) | RQ6LBE/RQ6LBU7: 632 x 610 x 326 mm RQ6LBE: 620 x 598 x 306 mm |
| Weight *15 | 18.0 kg (39.7 lbs) or less (TBD) |
| Gross Weight (Kg) | RQ6LBE: 23.0 kg (50.7 lbs) RQ6LBE: 21.4 kg (47.1 lbs) |
| Operating environment -> Operating temperature *16 *17 | 0-45 °C (32-113 °F) |
| Operating Environment -> Operating humidity (No condensation) | 10-80 % (no condensation) |

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| Applicable software | Multi Monitoring & Control Software, Projector Network Setup Software, Real-Time Tracking Projection-Mapping System*11, Geometry Manager Pro, Smart Projector Control for iOS/Android™ | | |
| NFC | No | | |
| Control function via LAN | Crestron Connected™ V2, Crestron XiO Cloud™, Art-Net DMX, AMX® DD, and PJLink™ (Class 2) | | |
| EAN | RQ6LBEJ: 5025232961085 RQ6LBE: 8887549861260 | | |
| Terminals -> SDI IN | — | | |
| Terminals -> DVI-D IN | — | | |
| Terminals -> DisplayPort™ IN | — | | |
| Active 3D | No | | |
| SDM | Yes | | |
| Footnote Description | <p>1. When ET-DLE170 is attached. [PICTURE MODE]가 [DYNAMIC] [LIGHT POWER]가 [NORMAL]</p> <p>2. , , ISO/IEC 21118: 2020 . ◆</p> <p>3. , , (American National Standards Institute) .</p> <p>4. ◆ .</p> <p>5. 50% . IEC62087: 2008 Broadcast Contents, Dynamic Contrast [3], temperature 35 °C (95 °F), elevation 700 m (2,297 ft) with 0.15 mg/m3 of airborne particulate matter. 50%</p> <p>6. ET-DLE035가</p> <p>7. DIGITAL LINK 4K/60p 4K/50p ◆ YPBPR 4:2:0</p> <p>8. ◆ AJ-WM50 IPv6</p> <p>9. , , ISO/IEC 21118: 2020 . ON 25 °C(77 °F), 700 m(2,297 ft) ◆ .</p> <p>10.</p> <p>11. ◆ AJ-WM50 , 0-40 °C(32-104 °F)◆ . 4,200 m(13,790 ft) : 1,400 m(4,593 ft) 35 °C(95 °F) , 1,400 m(4,593 ft) 2,700 m(8,858 ft) 30 °C(86 °F) , 2,700 m(8,858 ft) 4,200 m(13,780 ft) 25 °C(77 °F) ◆ .</p> <p>12. PT-RQ7L/RQ6L</p> <p>13. 4K PT-RZ7L/RZ6L WUXGA(1920 x 1200) ◆)</p> | | |