



Designed for intensive usage and long lasting brightness for education, museums, exhibitions and digital signage

## PT-RZ120/RZ120L

12,000 lumens compact Solid Shine laser projector Designed for intensive usage and long lasting brightness for education, museums, exhibitions and digital signage

### Key Features

1-chip DLP Laser, 12,000 ANSI lumens, WUXGA

High brightness and excellent image quality with laser light source

Maintenance free up to 20,000 hours with dust-resistant optical block and long lasting laser engine

10,000 : 1 contrast ratio

4K Input available (HDMI/DIGITAL LINK)





## PT-RZ120/RZ120L

<https://ap.connect.panasonic.com/vn/vi/products/projectors/pt-rz120rz120l>

<b>Projector type</b>	1-Chip DLP™ projector
<b>Display method</b>	DLP™ chip x 1, DLP™ projection system
<b>Display Device -&gt; Panel size</b>	17.0 mm (0.67 in) diagonal (16:10 aspect ratio)
<b>Display Device -&gt; Number of pixels</b>	2,304,000 (1920 x 1200) x 1
<b>Light source</b>	Laser Diode
<b>Light output</b>	12,000 lm
<b>Light output (ANSI)</b>	12,000 lm
<b>Light output (Center) *4</b>	12,600 lm (Center)
<b>Time until light output declines to 50 % -&gt; NORMAL</b>	20,000 hours [NORMAL]
<b>Time until light output declines to 50 % -&gt; ECO</b>	24,000 hours [ECO]
<b>Resolution</b>	1920 x 1200 pixels
<b>Contrast Ratio (typ.)</b>	10,000:1 (Full On/Full Off, Dynamic Contrast Mode: 3)
<b>Screen size (diagonal)</b>	1.27-15.24 m (50-600 in), 1.27-5.08 m (50-200 in) with ET-DLE055, 2.54-8.89 m (100-350 in) with ET-DLE035, 16:10 aspect ratio
<b>Center-to-corner zone ratio</b>	90 %
<b>Lens</b>	PT-RZ120: Powered zoom (throw ratio 1.7-2.4:1), powered focus F 1.7-1.9, f 25.6-35.7 mmPT-RZ120L: Optional powered zoom/focus lenses
<b>Lens shift -&gt; Vertical(from center of screen)</b>	+50 %, -16 % (+40%, -16% with ET-DLE060) (powered)
<b>Lens shift -&gt; Horizontal(from center of screen)</b>	+30 %, -10 % (+19%, -10% with ET-DLE060 / +28 %, -10 % with ET-DLE085/ET-DLE105 ) (powered)
<b>Keystone correction range</b>	Vertical: ±40° (±16° with ET-DLE060, ±22° with ET-DLE105/ET-DLE085/ET-DLE055, +5° with ET-DLE035), Horizontal: ±15° (±10° with ET-DLE060) (cannot be operated with ET-DLE035)
<b>Keystone correction range with optional ET-UK20 Upgrade Kit *9</b>	Vertical: ±45° (±16° with ET-DLE060, ±40° with ET-DLE150/ET-DLE250/supplied lens, ±22° with ET-DLE105/ET-DLE085/ET-DLE055), Horizontal: ±40° (±10° with ET-DLE060, ±15° with ET-DLE105/ET-DLE085/ET-DLE055) When [VERTICAL KEYSTONE] and [HORIZONTAL KEYSTONE] are used simultaneously, correction cannot be made exceeding total of 55°.
<b>Installation</b>	Horizontal/vertical, free 360-degree installation
<b>Terminals -&gt; SDI IN</b>	BNC x 1 : 3G/HD/SD-SDI input
<b>Terminals -&gt; HDMI™ IN</b>	HDMI™ 19-pin x 1 (Compatible with HDCP 2.2, Deep Color, 4K signal input)
<b>Terminals -&gt; DVI-D IN</b>	DVI-D 24-pin x 1 (DVI 1.0 compliant, compatible with HDCP, compatible with single link only)
<b>Terminals -&gt; COMPUTER IN (RGB IN )</b>	RGB x 1 (BNC x 5): RGB/YBPBR/YCBGR
<b>Terminals -&gt; COMPUTER IN ( D-SUB 15pin )</b>	D-sub HD 15-pin (female) x 1: (RGB/YBPBR/YCBGR)
<b>Terminals -&gt; SERIAL/MULTI-PROJECTOR SYNC IN</b>	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)
<b>Terminals -&gt; SERIAL/MULTI-PROJECTOR SYNC OUT</b>	D-sub 9-pin (male) x 1 for link control
<b>Terminals -&gt; REMOTE 1 IN</b>	M3 x 1 for wired remote control
<b>Terminals -&gt; REMOTE 1 OUT</b>	M3 x 1 for link control (for wired remote control)
<b>Terminals -&gt; REMOTE 2 IN</b>	D-sub 9-pin (female) x 1 for external control (parallel)
<b>Terminals -&gt; DIGITAL LINK IN / LAN</b>	RJ-45 x 1 for network and DIGITAL LINK connection (HDBase™ compliant), 100Base-TX (Compatible with PLink™ [Class 2], Art-Net, HDCP 2.2, Deep Color, 4K signal input)
<b>Terminals -&gt; LAN</b>	RJ-45 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PLink™ [Class 2], Art-Net)
<b>Power supply</b>	AC 100-240 V, 50/60 Hz
<b>Maximum power consumption</b>	1,100 W (11-4.5 A)
<b>On-mode power consumption(Operating mode) -&gt; Normal</b>	[NORMAL] 730 W
<b>On-mode power consumption(Operating mode) -&gt; Eco</b>	[ECO] 590 W
<b>Standby power consumption -&gt; Normal</b>	[Standby Mode set to NORMAL] 7 W
<b>Standby power consumption -&gt; ECO</b>	[Standby Mode set to ECO] 0.5 W
<b>Cabinet materials</b>	Molded plastic
<b>Filter</b>	No
<b>Operation noise -&gt; Normal</b>	44 dB [NORMAL]
<b>Operation noise -&gt; Quiet</b>	41 dB [QUIET1] 38 dB [QUIET2]
<b>Dimensions (W x H x D)</b>	PT-RZ120: 498 x 200*5 x 581 mm (19 19/32" x 7 7/8" *5 x 22 7/8" ) (with supplied lens)PT-RZ120L: 498 x 200*5 x 538 mm (19 19/32" x 7 7/8" *5 x 21 3/16" ) (without lens)

<b>Dimensions -&gt; Width (including protruding parts)</b>	PT-RZ120: 498 mm (19 19/32") PT-RZ120L: 498 mm (19 19/32")
<b>Dimensions -&gt; Height (including protruding parts)</b>	PT-RZ120: 200 mm (7 7/8") PT-RZ120L: 200 mm (7 7/8")
<b>Dimensions -&gt; Depth (not including protruding parts)</b>	PT-RZ120L: 538 mm (21 3/16")
<b>Dimensions -&gt; Depth (including lens)</b>	PT-RZ120: 581 mm (22 7/8")
<b>Weight</b>	PT-RZ120: Approx. 23.6 kg (51.9 lbs) (with supplied lens) PT-RZ120L: Approx. 22.8 kg (50.2 lbs) (without lens)
<b>Operating environment -&gt; Operating temperature</b>	0–45 °C (32–113 °F)
<b>Operating Environment -&gt; Operating humidity (No condensation)</b>	10–80 % (no condensation)
<b>Applicable software</b>	Logo Transfer Software, Multi Monitoring & Control Software, Geometry Manager Pro, Smart Projector Control for iOS/Android™
<b>Footnote Description</b>	<p><b>Note:</b> PT-RZ120L offers the same performance as PT-RZ120, but comes without a lens.</p> <ol style="list-style-type: none"> <li>1. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2012 international standards. Value is average of all products when shipped.</li> <li>2. Average light-output value of all shipped products measured at center of screen in NORMAL Mode.</li> <li>3. Around this time, light output will have decreased by approximately 50 %. IEC62087: 2008 Broadcast contents, NORMAL Mode, Dynamic Contrast [3], under conditions with 30 °C (86 °F), 700 m (2,297 ft) above sea level, and 0.15 mg/m<sup>3</sup> of particulate matter. Estimated time until light output declines to 50 % varies depending on environment.</li> <li>4. Lens shift is not supported on the ET-DLE055, and the optical axis is fixed with the ET-DLE035.</li> <li>5. With legs at shortest position.</li> <li>6. Average value. May differ depending on the actual unit.</li> <li>7. The light output may be reduced to protect the projector depending on the temperature or altitude of operational environment.</li> </ol>
<b>Body Colour</b>	Black/White
<b>NFC</b>	<a href="https://docs.connect.panasonic.com/projector/products/smartpjcontrol/regional.html#regional">https://docs.connect.panasonic.com/projector/products/smartpjcontrol/regional.html#regional</a>