

## Product Specifications

Product specifications	P1+
<b>Projector type</b>	Single chip DLP LED projector
<b>Resolution</b>	4K UHD*1, 2560 x 1600 (WQXGA), 1920 x 1200 (WUXGA)
<b>Brightness</b>	3,000 RGB lumens
<b>Contrast ratio</b>	1,600:1 - 4,000:1 sequential. >5,000,000:1 dynamic
<b>Aspect ratio</b>	16:10
<b>Brightness uniformity</b>	90%
<b>Lens options</b>	N1: 0.80 - 1.25:1 @ 4K UHD / WQXGA, 0.74 - 1.16:1 @ WUXGA N2: 1.20 - 1.60:1 @ 4K UHD / WQXGA, 1.12 - 1.50:1 @ WUXGA N3: 0.63:1 @ 4K UHD / WQXGA, 0.59:1 @ WUXGA
<b>Lens shift (max)</b>	Vertical up to 120.5% lens option dependent Horizontal up to 85% lens option dependent
<b>Color correction</b>	P7
<b>Light source</b> (fully sealed optical architecture)	LED (RGB + optional IR LED. Standard IR wavelength where applicable is 740nm, other IR wavelengths available)
<b>Illumination lifetime</b>	> 100,000 hours to 50% (typical)
<b>Optical block lifetime</b>	> 100,000 hours
<b>Orientation</b>	Orientation free, no limitation
<b>Inputs</b>	2 x Dual Link DVI, 1 x DisplayPort 1.2, 1 x HDMI 2.0
<b>Input resolutions</b>	2560 x 1600 - 640 x 480. Max Pixel Clock 667MHz
<b>3D</b>	Active - up to WQXGA @ 120Hz
<b>Latency</b>	19 ms @ 60Hz / 9.5 ms @ 120Hz
<b>Displayable color</b>	30 Bit per channel
<b>Control</b>	IR, RS232, Ethernet, 2 x BNC (sync) & 1 x Mini DIN
<b>Software tools</b>	norxenet
<b>Power requirements</b>	90 - 240V, 50 - 60Hz
<b>Power consumption (max)</b>	400 W typical, 500 W max
<b>Heat dissipation (max)</b>	1,371 BTU/hour typical, 1,706 BTU/hour max
<b>Ambient noise</b>	32 dB A
<b>Operating temperature</b>	0 to 40°C / 32 to 104°F (0 to 3000m)
<b>Storage temperature</b>	-20 to 60°C / -4 to 140°F
<b>Operating humidity</b>	20 to 80% (non-condensing)
<b>Storage humidity</b>	10 to 90% (non-condensing)
<b>Dimensions (L x W x H)</b> (height excl. removeable feet)	485 x 405 x 216.75 mm / 19.10 x 15.95 x 8.54 inch
<b>Weight</b>	17 kg / 37.5 lbs excl. lens
<b>Standard accessories</b>	Power cord EUR & US + local region (where applicable), wireless IR remote control, lens mount and lens lock fixings
<b>Shipping dimensions (L x W x H)</b>	690 x 510 x 340 mm / 27,2 x 20 x 13,4 inch
<b>Shipping weight</b>	21,5kg / 47,4lbs excl. lens
<b>Certifications</b>	CE, FCC Class A, cNemkous, KC, CCC
<b>MTBF</b>	115,000 hours
<b>Warranty</b>	5 years (extendable to 10 years)
<b>24/7</b>	Yes

\*1 4K UHD resolution is achieved using an n- shift actuator.

Specifications subject to change without prior notice. Errors & omissions exempt.