

Digital Projection E-Vision LASER 4K HC 4K-UHD E-Vision Projector/WQXGA/4700 ISO Lumens/18000:1 Contrast Ratio

Colour System:	DMD Specification:
Laser Phosphor with colourwheel	Display resolutions 4K-UHD (3840 x 2160) or WQXGA+ (2716x 1528)
Display Type:	8.3 megapixels on screen at 4K-UHD
1 x 0.67" WQXGA+ TRP UHD DMD™	Fast transit pixels for smooth greyscale and improved contrast. Aspect Ratio: 16:9 Fill Factor Not applicable: Smooth Picture DMD™

Source Compatibility:					
2D graphics standards up to 4K-UHD 3840 x 2160 resolution at 60Hz via HDMI 2.0; HDBaseT (4:2:0) and DisplayPort inputs. 3D graphics standards up to WQXGA at 120Hz DualPipe via HDMI 1.4b inputs. 3GSDI is SMPTE 292M, SMPTE 259M-C and SMPTE 424M compliant. WQXGA+ mode 2D sources up to WQXGA+ at 120Hz can be displayed scaled to fit WQXGA+. 3D sources up to WQXGA at 120Hz can be displayed scaled to fit WQXGA+. 4K-UHD mode 2D sources up to 4K-UHD will be displayed scaled to fit 4K-UHD. Auto mode Sources greater than WQXGA+ will be displayed scaled to fit 4K-UHD. Sources up to WQXGA+ will be displayed scaled to fit WQXGA+. Inputs/Outputs					
Video & Computer			Communication & Control		
Type	Connector	Qty	Type	Connector	Qty
DisplayPort 1.2 (2D)	DisplayPort	1	3D Sync Out	BNC	1
HDMI 1.4b (3D)	HDMI	2	3D Sync In	BNC	1
HDMI 2.0 (2D)	HDMI	2	LAN	RJ45	2
3G-SDI in (2D)	BNC	1	RS232	9-pin D Sub	1
3G-SDI out	BNC	1	Wired Remote	3.5mm Stereo Jack	1
HDBaseT (see LAN) (2D)	RJ45	1	12V Trigger	3.5mm Stereo Jack	2
			3D Sync IR Out	BNC	1
			NOTE: One of the LAN ports is shared with HDBase-T.		

3D Formats Supported	HDTV Formats Supported
Frame Sequential Dual-Pipe	1080p (24Hz. 25Hz. 30Hz. 50Hz. 60Hz. 100Hz. 120Hz) 1080i (50Hz, 60Hz) 720p (50. 60Hz) 2K (24Hz. 25Hz, 30Hz, 50Hz, 60Hz) 4K-UHD (24Hz: 25Hz: 30Hz: 50Hz: 60Hz)
Computer Compatibility	Bandwidth
2D 4K-UHD up to 60Hz. WQXGA+ up to 120Hz. 3D Supported formats will be displayed within WQXGA+.	498 megapixels per second via DisplayPort and HDMI 2.0.
Remote Control	Automation Control
Addressable IR remote control, wireless and wired. On-Board keypad	Crestron RoomView® Connected PJLink Class 1 LAN RS232 AMX (Device Discovery) Served web pages (projector status, projector control, Crestron RoomView®, network settings, alert mail setup, time setup, error log, On Screen Display)
Colour Temperature	Operation
3200K to 9300K	24x7 OPERATION
illumination Type	Typical illumination Life

Laser Light Source	20,000 hours
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Lenses			
Lens	Part No.	Focus Range	Lens Shift
0.74 - 0.93 :1 zoom	118-679	1.02m - 12.7m	Vert: 0.5 (U) 0.3 (D) frame. Hor: 0.1 (L) 0.2 (R) frame
1.24 - 1.78 :1 zoom	118-563	1.33m - 11.73m	Vert: 0.5 (U) 0.3 (D) frame. Hor: 0.1 (L) 0.2 (R) frame
1.71 -2.25 :1 zoom	118-562	1.83m - 14.9m	Vert: 0.5 (U) 0.3 (D) frame. Hor: 0.1 (L) 0.2 (R) frame
2.20 - 3.67 :1 zoom	118-680	2.36m - 24.2m	Vert: 0.5 (U) 0.3 (D) frame. Hor: 0.1 (L) 0.2 (R) frame
Lens Mount			
Motorised and programmable shift, zoom and focus. Intelligent Lens Memory with 10 user-definable preset positions (except UST lens).			

Mechanical Mounting	
Front/Rear Table Front/Rear Ceiling Adjustable Front/Rear Feet	
Power Requirements	Power Consumption
100-130VAC and 200-240VAC selectable, 50/60HZ single phase	950 W @220 Vac (1000 W @110 Vac)W
Thermal Dissipation	Fan Noise
Max 3139 BTU/hour @100 VAC Max 3002 BTU/hour @240 VAC BTU/Hour	40 dBA TBD
Operating/Storage Temperature	Operating Humidity
Operating: 5 to 40C (41 to 104F) Storage: -10 to 60C (14 to 140F)	10 to 85% non-condensing
Weight (Chassis Only)	Dimensions
28.15 kg 62 lb	L: 58.0 cm W: 50.0 cm H: 21.1 cm L: 22.8 in W: 19.7 in H: 8.3 in