

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

|                                 |   |
|---------------------------------|---|
| <b>Colour System:</b>           | <b>DMD Specification:</b>                                       |
| Laser Phosphor with colourwheel | Display resolutions 4K-UHD (3840 x 2160) or WQXGA+ (2716x 1528) |
| <b>Display Type:</b>            | 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™                             |

|   |                  |            |                                    |                   |            |
|---|------------------|------------|------------------------------------|-------------------|------------|
| <b>Source Compatibility:</b>  |                  |            |                                    |                   |            |
| 2D graphics standards up to 4K-UHD 3840 x 2160 resolution at 60Hz via HDMI 2.0; HDBaseT (4:2:0) and DisplayPort inputs.<br>3D graphics standards up to WQXGA at 120Hz DualPipe via HDMI 1.4b inputs.<br>3GSDI is SMPTE 292M, SMPTE 259M-C and SMPTE 424M compliant. |                  |            |                                    |                   |            |
| <b>WQXGA+ mode</b>  |                  |            |                                    |                   |            |
| 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+.  |                  |            |                                    |                   |            |
| <b>4K-UHD mode</b>  |                  |            |                                    |                   |            |
| 2D sources up to 4K-UHD will be displayed scaled to fit 4K-UHD.   |                  |            |                                    |                   |            |
| <b>Auto mode</b>  |                  |            |                                    |                   |            |
| 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   |                  |            |                                    |                   |            |
| <b>Video &amp; Computer</b>   |                  |            | <b>Communication &amp; Control</b> |                   |            |
| <b>Type</b>   | <b>Connector</b> | <b>Qty</b> | <b>Type</b>                        | <b>Connector</b>  | <b>Qty</b> |
| 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          |
| <b>NOTE: One of the LAN ports is shared with HDBase-T.</b>  |                  |            |                                    |                   |            |

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

| <b>Lenses</b>   |                 |                    |   |
|---|-----------------|--------------------|---|
| <b>Lens</b>   | <b>Part No.</b> | <b>Focus Range</b> | <b>Lens Shift</b>                                       |
| 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 |
| <b>Lens Mount</b>   |                 |                    |   |
| Motorised and programmable shift, zoom and focus.<br>Intelligent Lens Memory with 10 user-definable preset positions (except UST lens). |                 |                    |   |

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