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E-VISION LASER 5900 DIGITAL PROJECTOR



THE VISIONARIES CHOICE

E-Vision Laser 5900 WUXGA

5,300 ANSI / 6,000 ISO Lumens | Contrast Ratio: 2,000:1 Native 20,000:1 Dynamic | Part Number: 120-551

Key Specifications:

| | |
|---------------------------|--|
| Colour System: | Laser Phosphor |
| Display Type: | 1 x 0.67" DarkChip™ DMD™ |
| DMD Specification: | 1920 x 1200 pixels native resolution. Fast transit pixels for smooth greyscale and improved contrast. |
| Aspect Ratio: | 16x10 |
| Fill Factor | |
| Key Features: | <p>Video & Graphics Processing</p> <ul style="list-style-type: none">• HDMI 1.4a for Side by Side, Frame Packing, Frame Sequential & Top Bottom 3D formats.• Synchronisation of active 3D glasses.• DICOM simulation mode.• Mobile High-Definition Link (MHL™) connection allows mirrored content from smartphones, tablets and other portable consumer electronics devices. <p>Geometry Correction</p> <ul style="list-style-type: none">• Vertical & Horizontal Keystone correction (2D: Vertical $\pm 30^\circ$, Horizontal $\pm 30^\circ$).• Four Corner adjustment.• Selectable 16:9, 4:3, Native, Letterbox and Full Screen aspect ratios.• Digital Zoom +10~-10. <p>HDBaseT® Interface</p> |

- Built in support for transmission of uncompressed High Definition Video over standard CAT5e/6 LAN cable.
- Allows the projector to be placed up to 100m from the source with low cost cabling.
- HDBaseT® includes audio, Ethernet 100BaseT and RS232/IR control.

Colour Processing

- 2 x speed, 3 Segment (GBY) Phosphor wheel.
- 2 x 120Hz speed, 4 Segment (RGBY) Colour wheel.
- 10-bit colour display.
- Powerful seven point colour correction for accurate colour matching.

Source Compatibility

Graphics standards up to 1920 x 1200 resolution at 60Hz.
Input support for 4K-UHD, 3840 x 2160 and 4096 x 2160 at 60 Hz.

Inputs/Outputs

| Video & Computer | | |
|--|---------------------|-----|
| Type | Connector | Qty |
| HDMI 1.4a | HDMI | 2 |
| HDMI 1.4a + MHL | HDMI | 1 |
| VGA / Analog RGB | 15-pin D-Sub | 1 |
| VGA / Monitor Out | 15-pin D-Sub | 1 |
| Composite Video | RCA | 1 |
| HDBaseT | RJ45 | 1 |
| USB Type A / (5V/1.5A) | USB Type A | 1 |
| NOTE: The USB is to power WHDI™ interfaces. | | |
| Audio: | | |
| Audio IN L+R | Phono | 2 |
| Audio IN L+R | 3.5 mm jack | 1 |
| Mic IN | 3.5 mm jack | 1 |
| Audio OUT (variable) | 3.5 mm jack | 1 |
| Speakers | 5W speaker | 2 |
| Communication & Control | | |
| Type | Connector | Qty |
| LAN | RJ45 | 1 |
| RS-232C | 9-pin D-sub | 1 |
| USB (for Service) | Mini B | 1 |
| 3D Sync Out | VESA 3-PIN mini DIN | 1 |
| NOTE: The HDBaseT and LAN ports are not shared. | | |

3D Formats Supported

Frame Packing
Frame Sequential
Side By Side (half)
Top and Bottom

HDTV Formats Supported

1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz), 1080i (50Hz, 60Hz), 720p (50, 60Hz)

Computer Compatibility

VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA@60hz


Bandwidth

Remote Control

IR remote control, 2 x IR receivers (front sensitivity up to 7m, rear sensitivity up to 10m)

Automation Control

LAN control - Crestron RoomView® Connected

| | LAN control - Crestron eControl LAN control - Extron LAN control - AMX SSDP LAN control to RS232 by Telnet HDBaseT communication Projector status email alerts PJ Link (Class1) | | | | | | | | |
|---|--|------------------------|--|------------------------|--------------------|--------------|-----|--------------|--|
| Colour Temperature | Warm / Normal / Cold | | | | | | | | |
| Operation |  | | | | | | | | |
| illumination Type | Laser Light Source | | | | | | | | |
| Typical illumination Life | 20,000 hours | | | | | | | | |
| Lenses | <table border="1"> <thead> <tr> <th>Lens</th> <th>Part No.</th> <th>Optimised Focus Range*</th> <th>Lens Shift (Frame)</th> </tr> </thead> <tbody> <tr> <td>1.15 - 1.9:1</td> <td>N/A</td> <td>1.5m - 10.0m</td> <td>Vert: Fixed Offset 0.65 (U) frame with small variable vertical and horizontal shift</td> </tr> </tbody> </table> <p>* Lens focal ranges above are the optimised distances but are likely to focus further, please contact your RSM for more details. Lens ratio tolerances: E-Vision Series: +/-3%. HighLite Series: +/- 5%. M-Vision Series: +/- 2%. Titan Series: +/-2%, INSIGHT Series: +/-2%,</p> | Lens | Part No. | Optimised Focus Range* | Lens Shift (Frame) | 1.15 - 1.9:1 | N/A | 1.5m - 10.0m | Vert: Fixed Offset 0.65 (U) frame with small variable vertical and horizontal shift |
| Lens | Part No. | Optimised Focus Range* | Lens Shift (Frame) | | | | | | |
| 1.15 - 1.9:1 | N/A | 1.5m - 10.0m | Vert: Fixed Offset 0.65 (U) frame with small variable vertical and horizontal shift | | | | | | |
| Lens Mount | Manual focus | | | | | | | | |
| Mechanical Mounting | Front/Rear Front/Rear Ceiling Two adjustable front feet, 10° (43mm) Ceiling Mount compatible chassis with 7 off M4 mounting holes | | | | | | | | |
| Orientation | Table Top or Inverted: Yes Pointing Up: Yes Pointing Down: Yes Roll (Portrait): Yes | | | | | | | | |
| Power Requirements | 100-240VAC 50/60Hz single phase | | | | | | | | |
| Power Consumption | Normal Mode (100%) 480W @230V 500W @110V Eco Mode (80%) 355W @230V 365W @110V | | | | | | | | |
| Thermal Dissipation | Normal Mode (typical): 1706 BTU/Hour @ 110VAC 1638 BTU/Hour @ 230VAC | | | | | | | | |
| Fan Noise | Normal Mode Typ: 36 dBA / Max: 38 dBA | | | | | | | | |
| Operating/Storage Temperature Operating: | Operating: 0° to 40°C (32F to 104F) Storage: -20° to 60°C (-4F to 140F) | | | | | | | | |
| Operating Humidity | 10 to 85% non-condensing | | | | | | | | |
| Weight | 10.5 kg / 23.21 lbs | | | | | | | | |
| Dimensions | L: 44.56 cm W: 36.0 cm H: 16.35 cm L: 17.54 in W: 14.17 in H: 6.43 in | | | | | | | | |
| Safety & EMC Regulations | UL/cUL, CB, CCC/CECP, FCC Class B, FDA, CE IEC 60825-1:2007 3R | | | | | | | | |

| | | |
|--------------------|--|----------|
| | IEC60825-1:2014 Class 1 IEC EN 62471-5 Risk Group 2 | |
| Accessories | Accessory | Part No. |
| | Infrared Remote (replacement) | 117-880 |
| | <i>*Dimensions included for reference only and are subject to change. Please download the full set of CAD files for this display for more accurate information.</i> | |
| Downloads | PDF CAD Drawings AUTOCAD Drawings STEP / IGS Drawings | |
| User Guide | User Guides User Guides (German) User Guides (French) Laser Risk Group Document Important Information Important Information (German) Important Information (French) Control Protocol Ultra Short Throw Lens Ultra Short Throw Lens Installation Guide | |



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