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

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
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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	<table border="1"> <thead> <tr> <th>Accessory</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	Accessory	Part No.						
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	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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Certificate Number 13629
 ISO 9001



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