

E-Vision Laser 5900 WUXGA (Preliminary)

5,300 ANSI / 6,000 ISO Lumens | Contrast Ratio: 2,000:1 Native 20,000:1 Dynamic | Part No:120-551

E-VISION LASER 5900 DIGITAL PROJECTOR



THE VISIONARIES CHOICE

Colour System:	DMD Specification:
Laser Phosphor	1920 x 1200 pixels native resolution. Fast transit pixels for smooth greyscale and improved contrast.
Display Type:	Aspect Ratio:
1 x 0.67" DarkChip™ DMD™	16x10
	Fill Factor

Key Features

Video & Graphics Processing

- 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.

Geometry Correction

- 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.

HDBaseT® Interface

- 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	RJ45	1
HDMI 1.4a + MHL	HDMI	1	RS-232C	9-pin D-sub	1
VGA / Analog RGB	15-pin D-Sub	1	USB (for Service)	Mini B	1
VGA / Monitor Out	15-pin D-Sub	1	3D Sync Out	VESA 3-PIN mini	1
Composite Video	RCA	1		DIN	
HDBaseT	RJ45	1	NOTE: The HDBaseT and LAN ports are not shared.		
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			
3D Formats Supported			HDTV Formats Supported		
Frame Packing			1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz), 1080i (50Hz, 60Hz), 720p (50, 60Hz)		
Frame Sequential					
Side By Side (half)					
Top and Bottom					
Computer Compatibility			Bandwidth		
VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA@60hz					
Remote Control			Automation Control		
IR remote control, 2 x IR receivers (front sensitivity up to 7m, rear sensitivity up to 10m)			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		
Colour Temperature					
Warm / Normal / Cold					
Lamp Type			Typical Lamp Life		
Laser Light Source			20,000 hours		
Lenses					
Lens	Part No.	Optimised Focus	Lens Shift		
1.15 - 1.9:1	N/A	1.5m - 5m	Vert: Fixed Offset 0.65 (U) frame with small variable vertical and horizontal shift		
* 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%,					
Lens Mount					
Manual focus					
Mechanical Mounting			Orientation		
Front/Rear			Table Top or Inverted: Yes		
Front/Rear Ceiling			Pointing Up: Yes		
Two adjustable front feet, 10° (43mm)			Pointing Down: Yes		
Ceiling Mount compatible chassis with 7 off M4 mounting holes			Roll (Portrait): Yes		
Power Requirements			Power Consumption		

100-240VAC 50/60Hz single phase

Normal Mode (100%) 480W @230V 500W @110V
Eco Mode (80%) 355W @230V 365W @110V
W

Thermal Dissipation

Normal Mode (typical):
1706 BTU/Hour @ 110VAC
1638 BTU/Hour @ 230VAC BTU/Hour

Fan Noise

Normal Mode Typ: 36 dBA / Max: 38 dBA

Operating/Storage Temperature

Operating: 0° to 40°C (32F to 104F)
Storage: -20° to 60°C (-4F to 140F)

Operating Humidity

10 to 85% non-condensing

Weight (Chassis Only)

10.5 kg
23.21 lb

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

Infrared Remote (replacement)

Part No.

117-880

**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.*

Downloads

[PDF CAD Drawings](#)

[AUTOCAD Drawings](#)



Certificate Number 13629
ISO 9001

Specifications subject to change without notice. Digital Projection version: - ©2016 Digital Projection.
DLP®, Digital Light Processing™ and DMD are trademarks of Texas Instruments, Inc

DIGITAL PROJECTION, LTD GREENSIDE WAY, MIDDLETON MANCHESTER, UK. M24 1XX
T: +44.161.947.3300 | F: +44.161.684.7674 | www.digitalprojection.co.uk

DIGITAL PROJECTION, INC 55 CHASTAIN ROAD, SUITE 115 KENNESAW, GA. 30144
T: 770.420.1350 | F: 770.420.1360 | www.digitalprojection.com

DIGITAL PROJECTION, CHINA Rm A2006, ShaoYaoJu 101 North lane, Shi AO International Center, Chao Yang District, Beijing, 100029, PR CHINA
T: +86.10.58239771 | F: +86 10 58239770

DIGITAL PROJECTION, ASIA 16 NEW INDUSTRIAL ROAD, #02-10 HUDSON TECHNOCENTRE SINGAPORE 536204
T: +65.6284.1138 | F: +65.6284.1238