DIGITAL PROJECTION
A Delta Associate Company

Specification Sheet

E-Vision Laser 5900 WUXGA

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



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 ±30°, Horizontal±30°).
- 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

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

Colour Temperature

Warm / Normal / Cold

Lamp Type

Laser Light Source

Typical Lamp Life

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

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

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	**Fan Noise**
Normal Mode (typical): 1706 BTU/Hour @ 110VAC 1638 BTU/Hour @ 230VAC BTU/Hour	Normal Mode Typ: 36 dBA / Max: 38 dBA
Operating/Storage Temperature	**Operating Humidity**
Operating: 0° to 40°C (32F to 104F) Storage: -20° to 60°C (-4F to 140F)	10 to 85% non-condensing
Weight (Chassis Only)	**Dimensions**
10.5 kg 23.21 lb	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

**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	User Guides
AUTOCAD Drawings	User Guides German
	User Guides French
	Important Information

Certificate Number 13629
ISO 9001

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