

## E-Vision Laser 5100 WUXGA

4,500 ANSI / 5,100 ISO Lumens | Contrast Ratio: 2,000:1 Native 20,000:1 Dynamic | Part No:120-552

### E-VISION LASER 5100 DIGITAL PROJECTOR



THE VISIONARIES CHOICE

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

### 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  $\pm 15^\circ$ , Horizontal  $\pm 15^\circ$ ).
- 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.

<b>Source Compatibility:</b>
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		
<b>Type</b>	<b>Connector</b>	<b>Qty</b>	<b>Type</b>	<b>Connector</b>	<b>Qty</b>
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	<b>NOTE: The HDBaseT and LAN ports are not shared.</b>		
USB Type A / (5V/1.5A)	USB Type A	1			
<b>NOTE: The USB is to power WHDI™ interfaces.</b>					
<b>Audio:</b>					
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			
<b>3D Formats Supported</b>			<b>HDTV Formats Supported</b>		
Frame Packing			1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz), 1080i (50Hz, 60Hz), 720p (50, 60Hz)		
Frame Sequential					
Side By Side (half)					
Top and Bottom					
<b>Computer Compatibility</b>			<b>Bandwidth</b>		
VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA@60hz					
<b>Remote Control</b>			<b>Automation Control</b>		
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		
<b>Colour Temperature</b>					
Warm / Normal / Cold					
<b>Lamp Type</b>			<b>Typical Lamp Life</b>		
Laser Light Source			20,000 hours		
<b>Lenses</b>					
<b>Lens</b>	<b>Part No.</b>	<b>Optimised Focus</b>	<b>Lens Shift</b>		
0.5:1	N/A	0.76m - 1.34m	Vert: Fixed Offset 0.6 (U) frame		
* 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%,					
<b>Lens Mount</b>					
Manual focus					
<b>Mechanical Mounting</b>			<b>Orientation</b>		
Front/Rear			<b>Table Top or Inverted:</b> Yes		
Front/Rear Ceiling			<b>Pointing Up:</b> Yes		
Two adjustable front feet, 10° (43mm)			<b>Pointing Down:</b> Yes		
Ceiling Mount compatible chassis with 7 off M4 mounting holes			<b>Roll (Portrait):</b> Yes		
<b>Power Requirements</b>			<b>Power Consumption</b>		

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: 43.71 cm W: 36.0 cm H: 17.71 cm  
L: 17.2 in W: 14.17 in H: 6.97 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

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