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E-Vision Laser 5100 WUXGA

4,500 ANSI / 5,100 ISO Lumens | Contrast Ratio: 2,000:1 Native 20,000:1 Dynamic | Part Number: 120-552

E-VISION LASER 5100 DIGITAL PROJECTOR



THE VISIONARIES CHOICE

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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

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.

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 DIN	1
Composite Video	RCA	1	NOTE: The HDBaseT and LAN ports are not shared.		
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			
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			Operation		
Warm / Normal / Cold					
Illumination Type			Typical illumination Life		
Laser Light Source			20,000 hours		
Lenses					

Lens	Part No.	Optimised Focus Range*	Lens Shift
0.5 :1	N/A	0.76m - 3.23m	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%,

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

Power Requirements

100-240VAC 50/60Hz single phase

Thermal Dissipation

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

Operating/Storage Temperature

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

Weight (Chassis Only)

10.5 kg
23.21 lb

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

Orientation

Table Top or Inverted: Yes
Pointing Up: Yes
Pointing Down: Yes
Roll (Portrait): Yes

Power Consumption

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

Fan Noise

Normal Mode Typ: 36 dBA / Max: 38 dBA

Operating Humidity

10 to 85% non-condensing

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

**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](#)

[Laser Risk Group Document](#)

[STEP / IGS Drawings](#)

[Important Information](#)



Certificate Number 13629
ISO 9001

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