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

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:	**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 ±15°, Horizontal±15°). • 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

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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 PJ Link (Class1)
Colour Temperature	Warm / Normal / Cold
Operation	
illumination Type	Laser Light Source
Typical illumination Life	20,000 hours
Lenses	*(see lens table below)*

Lens	Part No.	Optimised Focus Range*	Lens Shift (Frame)
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
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: 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	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
	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

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