

[Click to Print This Page](#)



# E-VISION LASER 5100 DIGITAL PROJECTOR



THE VISIONARIES CHOICE

## 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:

<b>Colour System:</b>	Laser Phosphor
<b>Display Type:</b>	1 x 0.67" DarkChip™ DMD™
<b>DMD Specification:</b>	1920 x 1200 pixels native resolution. Fast transit pixels for smooth greyscale and improved contrast.
<b>Aspect Ratio:</b>	16x10
<b>Fill Factor</b>	
<b>Key Features:</b>	<p><b>Video &amp; Graphics Processing</b></p> <ul style="list-style-type: none"><li>• HDMI 1.4a for Side by Side, Frame Packing, Frame Sequential &amp; Top Bottom 3D formats.</li><li>• Synchronisation of active 3D glasses.</li><li>• DICOM simulation mode.</li><li>• Mobile High-Definition Link (MHL™) connection allows mirrored content from smartphones, tablets and other portable consumer electronics devices.</li></ul> <p><b>Geometry Correction</b></p> <ul style="list-style-type: none"><li>• Vertical &amp; Horizontal Keystone correction (2D: Vertical <math>\pm 15^\circ</math>, Horizontal <math>\pm 15^\circ</math>).</li><li>• Four Corner adjustment.</li><li>• Selectable 16:9, 4:3, Native, Letterbox and Full Screen aspect ratios.</li><li>• Digital Zoom +10~-10.</li></ul> <p><b>HDBaseT® Interface</b></p>

- 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 RS-232C USB (for Service) 3D Sync Out  <b>NOTE: The HDBaseT and LAN ports are not shared.</b>	RJ45 9-pin D-sub Mini B VESA 3-PIN mini DIN	1 1 1 1
HDMI 1.4a + MHL	HDMI 15-pin D-Sub				
VGA / Analog RGB	15-pin D-Sub				
VGA / Monitor Out	RCA				
Composite Video	RJ45				
HDBaseT	USB Type A				
USB Type A / (5V/1.5A)	A				
<b>NOTE: The USB is to power WHDI™ interfaces.</b>					
<b>Audio:</b>	Phono	2 1 1 1 2			
Audio IN L+R	3.5 mm jack				
Audio IN L+R	3.5 mm jack				
Mic IN	3.5 mm jack				
Audio OUT (variable)	3.5 mm jack				
Speakers	5W speaker				

**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)								
<b>Colour Temperature</b>	Warm / Normal / Cold								
<b>Operation</b>									
<b>illumination Type</b>	Laser Light Source								
<b>Typical illumination Life</b>	20,000 hours								
<b>Lenses</b>	<table border="1"> <thead> <tr> <th>Lens</th> <th>Part No.</th> <th>Optimised Focus Range*</th> <th>Lens Shift (Frame)</th> </tr> </thead> <tbody> <tr> <td>0.5 :1</td> <td>N/A</td> <td>0.76m - 3.23m</td> <td>Vert: Fixed Offset 0.6 (U) frame</td> </tr> </tbody> </table> <p>* 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%,</p>	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	Part No.	Optimised Focus Range*	Lens Shift (Frame)						
0.5 :1	N/A	0.76m - 3.23m	Vert: Fixed Offset 0.6 (U) frame						
<b>Lens Mount</b>	Manual focus								
<b>Mechanical Mounting</b>	Front/Rear Front/Rear Ceiling Two adjustable front feet, 10° (43mm) Ceiling Mount compatible chassis with 7 off M4 mounting holes								
<b>Orientation</b>	<b>Table Top or Inverted:</b> Yes <b>Pointing Up:</b> Yes <b>Pointing Down:</b> Yes <b>Roll (Portrait):</b> Yes								
<b>Power Requirements</b>	100-240VAC 50/60Hz single phase								
<b>Power Consumption</b>	Normal Mode (100%) 480W @230V 500W @110V Eco Mode (80%) 355W @230V 365W @110V								
<b>Thermal Dissipation</b>	Normal Mode (typical): 1706 BTU/Hour @ 110VAC 1638 BTU/Hour @ 230VAC								
<b>Fan Noise</b>	Normal Mode Typ: 36 dBA / Max: 38 dBA								
<b>Operating/Storage Temperature Operating:</b>	Operating: 0° to 40°C (32F to 104F) Storage: -20° to 60°C (-4F to 140F)								
<b>Operating Humidity</b>	10 to 85% non-condensing								
<b>Weight</b>	10.5 kg / 23.21 lbs								
<b>Dimensions</b>	L: 43.71 cm W: 36.0 cm H: 17.71 cm L: 17.2 in W: 14.17 in H: 6.97 in								
<b>Safety &amp; EMC Regulations</b>	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								
<b>Accessories</b>	<table border="1"> <thead> <tr> <th>Accessory</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>Infrared Remote (replacement)</td> <td>117-880</td> </tr> </tbody> </table>	Accessory	Part No.	Infrared Remote (replacement)	117-880				
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.*

<b>Downloads</b>	<a href="#">PDF CAD Drawings</a> <a href="#">AUTOCAD Drawings</a> <a href="#">STEP / IGS Drawings</a>
<b>User Guide</b>	<a href="#">User Guides</a> <a href="#">User Guides (German)</a> <a href="#">User Guides (French)</a> <a href="#">Laser Risk Group Document</a> <a href="#">Important Information</a> <a href="#">Important Information (German)</a> <a href="#">Important Information (French)</a> <a href="#">Control Protocol</a>



#### DIGITAL PROJECTION, INC



55 Chastain Road, Suite 115 Kennesaw, GA.

30144



T: 770.420.1350 | F: 770.420.1360



[www.digitalprojection.com](http://www.digitalprojection.com)



#### DIGITAL PROJECTION, LTD



Greenside Way, Middleton Manchester, UK

M24 1XX



T: +44.161.947.3300 | F: +44.161.684.7674



[www.digitalprojection.co.uk](http://www.digitalprojection.co.uk)



#### DIGITAL PROJECTION, INC



55 Chastain Road, Suite 115 Kennesaw, GA.

30144

# DIGITAL PROJECTION

## A Delta Group Company

Specifications subject to change without notice.  
©2022 Digital Projection. DLP®, Digital Light Processing™ and DMD are trademarks of Texas Instruments, Inc



Certificate Number 13629  
ISO 9001



T: 770.420.1350 | F: 770.420.1360



[www.digitalprojection.com](http://www.digitalprojection.com)



**DIGITAL PROJECTION, CHINA**



Rm A2301, Shaoyaoju 101 North Lane, Shi Ao

International Center, Chaoyang District, Beijing 100029,  
PR China



T: +86.10.58239771 | F: +86 10 58239770