

E-Vision 9100 WU (Preliminary)

8,600 ISO / 7,700 ANSI Lumens | Contrast Ratio: 20,000:1 (dynamic) | Part No:120-976

E-VISION LASER 9100 WU DIGITAL PROJECTOR



THE VISIONARIES CHOICE

Colour System:

Laser Phosphor

DMD Specification:

1920 x 1200 pixels native display.
Fast transit pixels for smooth greyscale and improved contrast.

Display Type:

1 x 0.67" DarkChip™ DMD™

Aspect Ratio:

16x10

Fill Factor

87%

Key Features

Video & Graphics Processing

- HDMI 2.0 for Side by Side, Frame Packing & Top Bottom 3D Formats
- Dual flash processing can be used to multiply the displayed frame rate for 3D sources
- Triple Flash Processing for 144Hz 3D display
- Synchronisation of active glasses and compatible with polarised glasses
- 24p and 1080p native display
- Sealed light engine
- DICOM Simulation Mode
- HDR Support
- Powerful 7 point colour correction for accurate colour matching

Geometry Correction

- Cornerstone, Vertical & Horizontal Keystone
- Selectable Aspect Ratios
- Digital Zoom

HDBaseT® Interface

- Built in support for transmission of uncompressed High Definition Video over standard CAT5e/6 LAN cable
- Allows projector to be placed up to 100m from source with low cost cabling
- Projector Control via HDBaseT

Source Compatibility:

HDMI including Deep Color™ processing.
Graphics standards support up to 3840 x 2160 (4K-UHD) & 4096 x 2160 (full 4K) resolution via HDMI
Graphics standards up to native 1920 x 1200 resolution @ 60Hz via DVI-D, HDBaseT or VGA
Component Video (SD and HD) via RGBHV.

Inputs/Outputs

Video & Computer			Communication & Control		
Type	Connector	Qty	Type	Connector	Qty
HDMI 2.0	HDMI	2	3D Sync Out	Mini DIN	1
DVI-D 1.0	DVI	1	3D Sync In	BNC	1
VGA / Analog RGB	15-pin D-Sub	1	LAN	RJ45	1
Component Video	5 x BNC	5	Serial In (RS232)	9-pin D-Sub	1
HDBaseT	RJ45	1	Serial Out (RS232)	9-pin D-Sub	1
Video Out: VGA	15-pin D-Sub	1	Wired Remote In	3.5mm Stereo Jack	1
Audio In: Stereo	3.5mm Jack	1	Wired Remote Out	3.5mm Stereo Jack	1
Audio Out: Stereo	RCA	2	12V Trigger	3.5mm Stereo Jack	1
			USB (power only)	USB Type A 5V / 2A	1
			USB (Service)	USB Type B	1

3D Formats Supported	HDTV Formats Supported
Frame Packing Side By Side (half) Top and Bottom Frame Sequential	1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz), 1080i (50Hz, 60Hz), 720p (50, 60Hz)

Computer Compatibility	Bandwidth
Up to 1920 x 1200 via DVI-D, HDBaseT, VGA Up to 4096 x 2160 via HDMI	165 MHz on analog RGB 498 Megapixels per second on HDMI

Remote Control	Automation Control
IR remote control, wireless and wired. On-Board keypad	Crestron RoomView® Connected PJLink LAN RS232 AMX-SSDP Extron

Colour Temperature	Operation
User Selectable	24x7 Operation

Lamp Type	Typical Lamp Life
Laser Light Source	20,000 hours

Lenses			
Lens	Part No.	Optimised Focus	Lens Shift
0.38 :1 fixed	117-341	0.68m - 2.44m	none
0.76 :1 fixed	112-499	0.81m - 5.08m	none
0.75 - 0.93 :1 zoom	115-339	1.02m - 12.7m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
1.25 - 1.79 :1 zoom	112-500	1.33m - 11.73m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
1.73 - 2.27 :1 zoom	112-501	1.83m - 14.9m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
2.22 - 3.67 :1 zoom	112-502	2.36m - 24.2m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
3.58 - 5.38 :1 zoom	112-503	3.8m - 35.35m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
5.31 - 8.26 :1 zoom	112-504	5.59m - 54.8m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) 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
Motorised and programmable shift, zoom and focus. Intelligent Lens Memory with 8 user-definable preset positions (except UST lens).

Mechanical Mounting	Orientation
Front/Rear Table Front/Rear Ceiling Adjustable Front/Rear Feet	Table Top or Inverted: Yes Pointing Up: Yes Pointing Down: Yes Roll (Portrait): Yes

Power Requirements	Power Consumption
100-240VAC 50/60Hz single phase	775W Typical 240VAC 792W Typical 110VAC W

Thermal Dissipation	Fan Noise

2704 BTU/Hour 110V Normal Mode
2579 BTU/Hour 240V Normal Mode BTU/Hour

Typical 38dBA

Operating/Storage Temperature

Operating: 0 to 40C (32 to 104F)
>35C switches to Eco Mode
Storage: -20 to 60C (-4 to 140F)

Operating Humidity

10 to 85% non-condensing

Weight (Chassis Only)

27.5 kg
60.6 lb

Dimensions

L: 59.83cm W: 50cm H: 21.85cm
L: 23.55 in W: 19.68 in H: 8.6 inch

Safety & EMC Regulations

CE, FCC Class B, UL, CCC, CB, RoHS, RCM, CU

Accessories

Accessory

Infrared Remote (replacement)

Part No.

120-978

**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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