

E-Vision 9100 WU

8,600 ISO / 7,700 ANSI Lumens | Contrast Ratio: 20,000:1 (dynamic) | Part Number: 120-976

E-VISION 9100 WU DIGITAL PROJECTOR



THE VISIONARIES CHOICE

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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
- 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

Type	Connector	Qty
HDMI 2.0	HDMI	2
DVI-D 1.0	DVI	1
VGA / Analog RGB	15-pin D-Sub	1
Component Video	5 x BNC	5
HDBaseT	RJ45	1
Video Out: VGA	15-pin D-Sub	1
Audio In: Stereo	3.5mm Jack	1
Audio Out: Stereo	RCA	2

Communication & Control

Type	Connector	Qty
3D Sync Out	Mini DIN	1
3D Sync In	BNC	1
LAN	RJ45	1
Serial In (RS232)	9-pin D-Sub	1
Serial Out (RS232)	9-pin D-Sub	1
Wired Remote In	3.5mm Stereo Jack	1
Wired Remote Out	3.5mm Stereo Jack	1
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

Frame Packing
Side By Side (half)
Top and Bottom
Frame Sequential

HDTV Formats Supported

1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz), 1080i (50Hz, 60Hz), 720p (50, 60Hz)

Computer Compatibility

Up to 1920 x 1200 via DVI-D, HDBaseT, VGA
Up to 4096 x 2160 via HDMI

Bandwidth

165 MHz on analog RGB
498 Megapixels per second on HDMI

Remote Control

IR remote control, wireless and wired.
On-Board keypad

Automation Control

Crestron RoomView® Connected
PJLink
LAN
RS232
AMX-SSDP
Extron

Colour Temperature

User Selectable

Operation



Illumination Type

Laser Light Source

Typical illumination Life

20,000 hours

Lenses

Lens	Part No.	Optimised Focus Range*	Lens Shift
0.38 :1 fixed	117-341	0.68m - 2.44m	Depends on image size, see Installation Guide. Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame none
0.75 - 0.93 :1 zoom	115-339	1.02m - 12.7m	
0.76 :1 fixed	112-499	0.81m - 5.08m	

1.25 - 1.79 :1 zoom	112-500	1.33m - 11.73m	Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame
1.73 - 2.27 :1 zoom	112-501	1.83m - 14.9m	Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame
2.22 - 3.67 :1 zoom	112-502	2.36m - 24.2m	Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame
3.58 - 5.38 :1 zoom	112-503	3.8m - 35.35m	Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame
5.31 - 8.26 :1 zoom	112-504	5.59m - 54.8m	Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (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

Front/Rear Table
Front/Rear Ceiling
Adjustable Front/Rear Feet

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

775W Typical 240VAC
792W Typical 110VAC

Thermal Dissipation

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

Fan Noise

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 \(German\)](#)

[STEP / IGS Drawings](#)

[User Guides \(French\)](#)

[Lens CAD Drawings](#)

[Laser Risk Group Document](#)

[Important Information](#)

[Important Information \(German\)](#)

[Important Information \(French\)](#)

[Control Protocol](#)

[Ultra Short Throw Lens](#)

[Ultra Short Throw Lens Installation Guide](#)



Certificate Number 13629
ISO 9001

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