

[Click to Print This Page](#)



E-VISION 9100 WU DIGITAL PROJECTOR

THE VISIONARIES CHOICE



E-Vision 9100 WU

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

Key Specifications:

Colour System:	Laser Phosphor
Display Type:	1 x 0.67" DarkChip™ DMD™
DMD Specification:	1920 x 1200 pixels native display. Fast transit pixels for smooth greyscale and improved contrast.
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	<table><tr><th colspan="3">Video & Computer</th><th colspan="3">Communication & Control</th></tr><tr><th>Type</th><th>Connector</th><th>Qty</th><th>Type</th><th>Connector</th><th>Qty</th></tr><tr><td>HDMI 2.0</td><td>HDMI</td><td>2</td><td>3D Sync Out</td><td>Mini DIN</td><td>1</td></tr><tr><td>DVI-D 1.0</td><td>DVI</td><td>1</td><td>3D Sync In</td><td>BNC</td><td>1</td></tr><tr><td>VGA / Analog RGB</td><td>15-pin D-Sub</td><td>1</td><td>LAN</td><td>RJ45</td><td>1</td></tr><tr><td>Component Video</td><td>5 x BNC</td><td>5</td><td>Serial In (RS232)</td><td>9-pin D-Sub</td><td>1</td></tr><tr><td>HDBaseT</td><td>RJ45</td><td>1</td><td>Serial Out (RS232)</td><td>9-pin D-Sub</td><td>1</td></tr><tr><td>Video Out: VGA</td><td>15-pin D-Sub</td><td>1</td><td>Wired Remote In</td><td>3.5mm Stereo Jack</td><td>1</td></tr><tr><td>Audio In: Stereo</td><td>3.5mm Jack</td><td>1</td><td>Wired Remote Out</td><td>3.5mm Stereo Jack</td><td>1</td></tr><tr><td>Audio Out: Stereo</td><td>RCA</td><td>2</td><td>12V Trigger</td><td>3.5mm Stereo Jack</td><td>1</td></tr><tr><td></td><td></td><td></td><td>USB (power only)</td><td>USB Type A 5V / 2A</td><td>1</td></tr><tr><td></td><td></td><td></td><td>USB (Service)</td><td>USB Type B</td><td>1</td></tr></table>						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
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	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	<table><tr><th>Lens</th><th>Part No.</th><th>Optimised Focus</th><th>Lens Shift (Frame)</th></tr></table>						Lens	Part No.	Optimised Focus	Lens Shift (Frame)																																																																				
Lens	Part No.	Optimised Focus	Lens Shift (Frame)																																																																											

	Range*			
	0.38 :1 fixed	117-341	0.68m - 2.44m	Depends on image size, see Installation Guide.
	0.75 - 0.93 :1 zoom	115-339	1.02m - 12.7m	Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame
	0.76 :1 fixed	112-499	0.81m - 5.08m	none
	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:	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	27.5 kg / 60.6 lbs			
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	Part No.
	Infrared Remote (replacement)	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 AUTOCAD Drawings STEP / IGS Drawings Lens CAD 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 Ultra Short Throw Lens Ultra Short Throw Lens Installation Guide	



DIGITAL PROJECTION, LTD



Greenside Way, Middleton Manchester, UK

M24 1XX



T: +44.161.947.3300 | F: +44.161.684.7674



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



T: 770.420.1350 | F: 770.420.1360



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



Certificate Number 13629
ISO 9001