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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	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	<table><tr><th>Lens</th><th>Part No.</th><th>Optimised Focus Range*</th><th>Lens Shift (Frame)</th></tr><tr><td>0.38 :1 fixed</td><td>117-341</td><td>0.68m - 2.44m</td><td>Depends on image size, see Installation Guide.</td></tr><tr><td>0.75 - 0.93 :1 zoom</td><td>115-339</td><td>1.02m - 12.7m</td><td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame</td></tr><tr><td>0.76 :1 fixed</td><td>112-499</td><td>0.81m - 5.08m</td><td>none</td></tr><tr><td>1.25 - 1.79 :1 zoom</td><td>112-500</td><td>1.33m - 11.73m</td><td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame</td></tr><tr><td>1.73 - 2.27 :1 zoom</td><td>112-501</td><td>1.83m - 14.9m</td><td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame</td></tr><tr><td>2.22 - 3.67 :1 zoom</td><td>112-502</td><td>2.36m - 24.2m</td><td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame</td></tr><tr><td>3.58 - 5.38 :1 zoom</td><td>112-503</td><td>3.8m - 35.35m</td><td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame</td></tr><tr><td>5.31 - 8.26 :1 zoom</td><td>112-504</td><td>5.59m - 54.8m</td><td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame</td></tr></table> * 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	Part No.	Optimised Focus Range*	Lens Shift (Frame)	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
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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
	<i>*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.</i>	
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	





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