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E-VISION 8000i DIGITAL PROJECTOR

THE VISIONARIES CHOICE



E-Vision 8000i WU (Preliminary)

8,000 ISO / 7,200 ANSI Lumens | Contrast Ratio: 20,000:1 (Dynamic Black) | Part Number: 123-532

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	
Key Features:	Video & Graphics Processing • HDMI 2.0 • DisplayPort 1.2 • Side by Side, Frame Packing, Frame Sequential, TopBottom and Dual Pipe 3D Formats. • Synchronisation of active glasses or polarising switcher. • DICOM simulation mode (For non-diagnostic or training) • HDR support • 2D Smear reduction Geometry Correction • Vertical & Horizontal Keystone correction • Four Corner adjustment

	- Selectable aspect ratios: 5:4 / 4:3 / 16:10 /16:9 / 1.88 / 2.35 / TheaterScope / Source / Unscaled - Digital Zoom HDBaseT Interface - 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 Ethernet 100BaseT and RS232/IR control. Colour Processing - Phosphor wheel: 2 x 7200rpm (120Hz) - Colour wheel: 4 Segment RGBY 2 x 7200rpm (120Hz) 10-bit colour processing (30-bits per pixel) 1,073,741,824 colours - Powerful seven point colour correction for accurate colour matching.		
Source Compatibility	Graphics standards: Up to WUXGA 1920 x 1200 - 120Hz RB		
Inputs/Outputs	Video & Computer		
	Type	Connector	Qty
	HDMI 2.0 (HDCP compatible)	HDMI	2
	DisplayPort 1.2	DisplayPort	2
	HDBaseT	8P8C "RJ45"	1
	3G-SDI in	BNC	1
	3G-SDI out	BNC	1
	.		
	Communication & Control		
	Type	Connector	Qty
3D Sync In	BNC	1	
3D Sync Out (loop through)	BNC	1	
3D Sync Out for IR	BNC	1	
LAN / Art-Net	EtherCON RJ45	1	
HDBaseT/Ethernet/RS232/IR	RJ45	1	
Serial In RS-232C	9-pin D-Sub	1	
Serial Out RS-232C	9-pin D-Sub	1	
Wired Remote In	3.5mm Stereo Jack	1	
Wired Remote Out	3.5mm Stereo Jack	1	
12V Trigger 12V 350mA	3.5mm Stereo Jack	1	
USB Power out 5V/2A	USB Type A	1	
3D Formats Supported	Frame Packing Dual Pipe Frame Sequential Side By Side (half) Top and Bottom		
HDTV Formats Supported	SDTV (480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i, 1080p), NTSC (M, 3.58/4.43 MHz), PAL (B,D,G,H,I,M,N), SECAM (B,D,G,K,K1,L) Display Support for 2K 2048 x 1080 up to 60Hz and 4K-UHD 3840 x 2160 up to 60Hz		
Computer Compatibility	VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA@60hz, Mac		
Bandwidth			

Remote Control	Infrared Remote Control Unit																																				
Automation Control	LAN - Webpage control TCP/UDP control RS-232 Alert Mail for Projector LAN Control-Crestron® Connected LAN Control-PJ Link Class 1 compatible LAN Control-AMX® Device Discovery Art-Net (DMX) control																																				
Colour Temperature	User selectable (3200K/ 5400K / 6500K / 7500K / 9300K / Native)																																				
Operation																																					
illumination Type	Laser Phosphor																																				
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>0.368 - 0.39:1 zoom</td><td>124-318</td><td>0.45 - 3.58m</td><td>Vert: +/- 60% Hor: +/- 2.5%</td></tr><tr><td>0.65 - 0.89:1 zoom</td><td>124-319</td><td>0.82 - 7.83m</td><td>Vert: +/- 60% Hor: +/- 20%</td></tr><tr><td>0.88 - 1.28:1 zoom</td><td>124-320</td><td>0.89 - 14.51m</td><td>Vert: +/- 70% Hor: +/- 20%</td></tr><tr><td>1.25 - 1.68:1 zoom</td><td>124-321</td><td>1.26 - 22.54m</td><td>Vert: +/- 70% Hor: +/- 20%</td></tr><tr><td>1.67 - 2.51:1 zoom</td><td>124-322</td><td>1.75 - 33.16m</td><td>Vert: +/- 70% Hor: +/- 20%</td></tr><tr><td>2.5 - 4.7:1 zoom</td><td>124-323</td><td>2.66 - 64.51m</td><td>Vert: +/- 70% Hor: +/- 20%</td></tr><tr><td>3.58 - 5.38:1 zoom</td><td>112-503</td><td>3.01 - 59.02m</td><td>Vert: +/- 50% Hor: +/- 10%</td></tr><tr><td>5.31 - 8.26:1 zoom</td><td>112-504</td><td>4.42 - 91.54m</td><td>Vert: +/- 50% Hor: +/- 10%</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)	0.368 - 0.39:1 zoom	124-318	0.45 - 3.58m	Vert: +/- 60% Hor: +/- 2.5%	0.65 - 0.89:1 zoom	124-319	0.82 - 7.83m	Vert: +/- 60% Hor: +/- 20%	0.88 - 1.28:1 zoom	124-320	0.89 - 14.51m	Vert: +/- 70% Hor: +/- 20%	1.25 - 1.68:1 zoom	124-321	1.26 - 22.54m	Vert: +/- 70% Hor: +/- 20%	1.67 - 2.51:1 zoom	124-322	1.75 - 33.16m	Vert: +/- 70% Hor: +/- 20%	2.5 - 4.7:1 zoom	124-323	2.66 - 64.51m	Vert: +/- 70% Hor: +/- 20%	3.58 - 5.38:1 zoom	112-503	3.01 - 59.02m	Vert: +/- 50% Hor: +/- 10%	5.31 - 8.26:1 zoom	112-504	4.42 - 91.54m	Vert: +/- 50% Hor: +/- 10%
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Lens Mount	Motorised and programmable shift, zoom and focus. Intelligent Lens Memory with 10 user-definable preset positions (except UST lens).																																				
Mechanical Mounting	Front/Rear Table Front/Rear Ceiling Adjustable Front/Rear Feet Ceiling Mount compatible chassis with 6 off M4*0.7 mounting holes available, Maximum screw length 16mm																																				
Orientation	Table Top or Inverted: Yes Pointing Up: Yes Pointing Down: Yes Roll (Portrait): Yes																																				

Power Requirements	100-240VAC 50/60Hz single phase 6.8A			
Power Consumption	442W @ 240VAC (100% Normal mode) 473W @ 100VAC (100% Normal mode) Standby: <0.5W (Network Off), <2W (Network On)			
Thermal Dissipation	1507 BTU/Hour @ 240VAC (100% Normal mode) 1613 BTU/Hour @ 100VAC (100% Normal mode)			
Fan Noise	34 dBA typical			
Operating/Storage Temperature:	Operating: 0 to 40 °C (32 to 104 °F) Force ECO over 35°C (95°F)			
Operating Humidity	20%-90% non-condensing			
Weight	27.5 kg / 60.6 lbs			
Dimensions	L: 598mm x W: 500mm x H:218mm L: 23.54 inch x W: 19.68 inch x H: 8.58 inch			
Safety & EMC Regulations	CB report, cTUVus, CE (European Economic Area), UKCA (United Kingdom), CCC (China), CECP (China Energy Conservation Program), China RoHS, FCC Class A (USA), FDA 21 CFR part 1040 (Except with respect to those characteristics authorised by Variance Number 2021-V-0192,, KC (Korea), BSMI (Taiwan), RCM (Australia), IEC 60825-1 Ed3 :2014 - Class 1 Laser Product, IEC EN 62471-5:2015 - Risk Group 2 & 3 (Lens dependent)			
Accessories	<table><tr><td>Accessory</td><td>Part No.</td></tr></table> <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>		Accessory	Part No.
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Downloads	PDF CAD Drawings AUTOCAD Drawings STEP / IGS Drawings			
User Guide	User Guides Laser Risk Group Document Control Protocol			



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