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E-VISION 8000i DIGITAL PROJECTOR



THE VISIONARIES CHOICE

E-Vision 8000i WU (Preliminary)

7,600 ISO / 6,800 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	87%
Key Features:	<p>Video & Graphics Processing</p> <ul style="list-style-type: none">• 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 <p>Geometry Correction</p> <ul style="list-style-type: none">• 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	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	BNC	1
3D Sync 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	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																																				
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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	< 41 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), CELP (China Environmental Labeling Program), China RoHS, FCC Class A (USA), FDA, 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 border="1"> <thead> <tr> <th>Accessory</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td colspan="2"><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></td> </tr> </tbody> </table>	Accessory	Part No.	<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>	
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Downloads					
User Guide					



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