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E-Vision 16000i WU (Preliminary)



Brightness: 16,000 ISO / 14,500 ANSI | Contrast: 20,000:1 (Dynamic Black) | Part Number: 123-522



TECHNICAL CONFIGURATION

Brightness:	16,000 ISO / 14,500 ANSI
Contrast:	20,000:1 (Dynamic Black)
Colour System:	Laser Phosphor with Colorboost (Red Laser). Phosphor wheel: 2 x 7200rpm (120Hz) Colour wheel: 4 Segment RGBY 2 x 7200rpm (120Hz)
Computer Compatability:	VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA up to 120hz RB, Mac
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
Dimensions:	L: 598mm x W: 500mm x H:218mm L: 23.54 inch x W: 19.68 inch x H: 8.58 inch
Lamp Type:	Laser Phosphor. ECO mode support (80% Brightness)
Typical Lamp Life:	20,000 hours
Colour Temperature:	User selectable (3200K/ 5400K / 6500K / 7500K / 9300K / Native)
HDTV Formats:	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
Remote Control:	Infrared Remote Control Unit

Automation Control:	<p>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</p>
Temperature:	<p>Operating: 0 to 40 °C (32 to 104 °F) Force ECO over 35°C (95°F)</p>
Operating Humidity:	<p>90% (with maximum temperature of 35°C (95°F))</p>
Fan Noise:	<p>Normal mode: 39 dBA typical, Max 41 dBA Eco Mode: 36 dBA typique / Max 38 dBA</p>
Power Requirements:	<p>100-240VAC 50/60Hz single phase 6.8A</p>
Power Consumption:	<p>900W (Max)</p>
Thermal Dissipation:	<p>At 100VAC - Typical 3276 BTU/hr, Max 3604 BTU/hr in Normal mode At 100VAC - Typical 2595 BTU/hr, Max 2853 BTU/hr in Eco mode At 100VAC - Typical 2662 BTU/hr, Max 2928 BTU/hr in High Altitude Mode At 220VAC - Typical 3174 BTU/hr, Max 3492 BTU/hr in Normal mode At 220VAC - Typical 2491 BTU/hr, Max 2740 BTU/hr in Eco mode At 220VAC - Typical 2560 BTU/hr, Max 2816 BTU/hr in High Altitude Mode</p>
Safety:	<p>cTUVus, CB report, CCC (China), CECP (China Energy Conservation Program), China RoHS, FCC part 15 Class A, FDA 21 CFR part 1040 (Except with respect to those characteristics authorised by Variance Number 2021-V-0192, CE (European Economic Area), UKCA (United Kingdom), KC (Korea), BSMI (Taiwan), RCM (Australia), IEC 60825-1 : 2014 - Class 1 Laser Product, IEC EN 62471-5:2015 - Risk Group 2 This projector may become Risk Group 3 when an interchangeable lens with a throw ratio of greater than 1.94:1 is installed Such combinations of projector and lens are intended for professional use only and are not intended for consumer use.</p>
Product url:	<p>https://www.axiondisplays.com/brands/digital-projection/projectors/e-vision/e-vision-16000i-wu/</p>
3D Compatibility:	<p>Off Auto Side by Side Top and Bottom Dual Pipe Frame Sequential</p>
Source Compatibility:	<p>3G-SDI is SMPTE 292M, SMPTE 259M-C and SMPTE 424M compliant. Graphics standards up to WQXGA 2560 x 1600 60 Hz RB (DisplayPort) Video standards up to HDTV 1080p - 60Hz, with support for 4K-UHD (3840 x 2160) 60Hz</p>

Display Support for 3840 x 2160 (4K-UHD) up to 60Hz and 4096 x 2160 (4K) up to 60Hz

Video Processing:

Video & Graphics Processing

- Nexus electronics platform
- HDMI 2.0
- DisplayPort 1.2
- 10-bit colour processing (30-bits per pixel) 1,073,741,824 colours
- Hue, Saturation and Gain colour management.
- 24p and 1080p native display.
- HDR support
- Input source automatically detected
- Selectable Dynamic Black
- Synchronisation of active glasses or polarising switcher.
- DICOM simulation mode
- Optics engine sealed to IP6X

Geometry Correction

- Vertical & Horizontal Keystone correction
- Four Corner adjustment
- Rotation -100 to +100 with +/- 0.25° per step
- Selectable aspect ratios: 5:4 / 4:3 / 16:10 / 16:9 / 1.88 / 2.35 / TheaterScope / Source / Unscaled
- Digital Zoom 0% ~ 100%
- Blanking control for custom input window sizing.
- Scaling for fixed aspect ratio screens. 16:10 / 16:9 / 4:3 / 2.35:1
- Custom warp

Edge Blending

- Correction for non-active pixels at the edge of the display.

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

- Powerful seven point colour correction for accurate colour matching.

Projector LAN Control

- Free Digital Projection Projector Controller II software
- Intuitive user interface for network control.
- At-a-glance monitoring of projector status.
- Simultaneous control of user-defined groups of projectors.

Display Type:

1 x 0.8" HEP DMD™ (High Efficiency Pixel)

Orientation:

Pointing Up: Yes
 Pointing Down: Yes
 Roll Portrait: Yes

	Tabletop Inverted: Yes
Lens Mount:	Centred lens for installation flexibility Motorised and programmable shift, zoom and focus. Intelligent Lens Memory with 10 user-definable preset positions (except UST lens).
Weight:	kg: 29.4 lb: 64.8
DMD Specification:	1920 x 1200 pixels native display. Fast transit pixels for smooth greyscale and improved contrast.
Aspect Ratio:	WUXGA

Inputs / Outputs

Input	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 and Control

Connection	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

Available Lenses

Lens Name	Part #	Focus Range	Lens Shift
0.31 - 0.33:1 zoom	124-318	0.38 - 3.01m	Vert: +/- 50% Hor: +/- 20%
0.55 - 0.75:1 zoom	124-319	0.69 - 6.58m	Vert: +/- 50% Hor: +/- 20%
0.74 - 1.08:1 zoom	124-320	0.75 - 12.19m	Vert: +/- 50% Hor: +/- 20%
1.05 - 1.41:1 zoom	124-321	1.06 - 18.94m	Vert: +/- 60% Hor: +/- 20%
1.4 - 2.11:1 zoom	124-322	1.47 - 27.86m	Vert: +/- 60% Hor: +/- 20%
2.1 - 4.0:1 zoom	124-323	2.24 - 54.19m	Vert: +/- 60% Hor: +/- 20%
3.0 - 4.52:1 zoom	112-503	2.53 - 47.2m	Vert: +/- 45% Hor: +/- 10%
4.46-6.94:1 zoom	112-504	3.71 - 76.7m	Vert: +/- 45% Hor: +/- 10%

CONTACT US FOR A QUOTE

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Specifications are subject to change without notice. All values are typical.

Actual product appearance, colors, and features may vary.