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E-Vision Laser 15000 WU



Brightness: 15,000 ISO / 13,500 ANSI | Contrast: 10,000:1 (Dynamic Black) 1,000:1 native | Part Number: 120-994



TECHNICAL CONFIGURATION

Brightness:	15,000 ISO / 13,500 ANSI
BrightnessISO:	1
Contrast:	10,000:1 (Dynamic Black) 1,000:1 native
Colour System:	Blue and Red Lasers with Phosphor wheel
Computer Compatability:	Up to 2560 x 1600 RB displayed within WUXGA
Mechanical Mounting:	Front/Rear Table Front/Rear Ceiling Adjustable Front/Rear Feet
Dimensions:	L: 59.83 cm x W: 50 cm x H: 21.85 cm L: 23.55 in x W: 19.68 in x H: 8.60 in
Bandwidth:	165 MHz on analog RGB 165 Megapixels per second on HDMI
Lamp Type:	Blue and Red Laser Light Source
Typical Lamp Life:	20,000 hours
Colour Temperature:	3200 to 9300K
HDTV Formats:	1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz), 1080i (50Hz, 60Hz), 720p (50, 60Hz)
Remote Control:	Addressable IR remote control, wireless and wired. On-Board keypad.
Automation Control:	PJLink Class 1

	<p>LAN RS-232 AMX (Device Discovery) Served web page Crestron Connected ART-NET control</p>
Temperature:	<p>Operating: 0 to 35C (32 to 95F) Operating: 35 to 40C (95 to 104F) w/ reduced light output Storage: -20 to 60C (-4 to 140F)</p>
Operating Humidity:	10 to 90% relative, non-condensing
Fan Noise:	<p>Normal mode: 48 dBA Max, 46 dBA Typical Eco mode: 45 dBA Max, 43 dBA Typical</p>
Power Requirements:	<p>200-240VAC 50/60Hz single phase 8.2A 100-130VAC 50/60Hz single phase 11.9A Note: that in 100-130VAC operation, the projector will be at 65% brightness</p>
Power Consumption:	<p>Typical 1570W @ 240VAC in Normal mode Typical 1025W @ 110VAC in Normal mode</p>
Thermal Dissipation:	<p>Typical 5357 BTU/Hour @ 240VAC in Normal mode Typical 3497 BTU/Hour @ 110VAC in Normal mode</p>
Safety:	<p>UL / cUL, BIS, CB, CCC, KC, FCC (Part 15) Class A, FDA, CE, RoHS 2, IEC EN 60825-1-2014 Class 3R Laser Product, IEC EN 60825-1-2007 Class 1 Laser Product IEC EN 62471-5-2015 Risk Group 3</p>
Product url:	https://www.axiondisplays.com/brands/digital-projection/projectors/e-vision/e-vision-15000-wu/
3D Compatibility:	<p>Frame Packing Dual Pipe Frame Sequential Side By Side (half) Top and Bottom</p>
Source Compatibility:	<p>3GSDI is SMPTE 292M, SMPTE 259M-C and SMPTE 424M compliant. HDMI including Deep Color™ processing. Graphics standards up to 1920 x 1200 resolution at 60Hz via HDMI, DisplayPort or VGA. Component Video (SD and HD) via RGBHV.</p>
Video Processing:	<p>Red Laser Assist</p> <ul style="list-style-type: none"> • Uses blue and red laser diodes for increased colour fidelity and highly accurate colours <p>Video & Graphics Processing</p> <ul style="list-style-type: none"> • HDMI 1.4b for Side by Side, Frame Packing, Frame Sequential & Top Bottom 3D formats. • Dual Flash Processing can be used to multiply the displayed frame rate for 3D sources. • Triple Flash processing for 24Hz 3D input (Frame Packed and Dual Pipe 3D) • Dual Pipe Processing: Two sources in parallel for Left and Right eyes.

- Synchronisation of active glasses.
- 3GSDI with loop-through.
- 24p and 1080p native display.
- DICOM simulation mode.

Geometry Correction

- Four Corners, Vertical & Horizontal Keystone, Pincushion & Barrel, Arc and Image Rotation.
- Non Linear Warp.
- Blanking control for custom input window sizing.
- Digital zoom, pan and scan.
- Scaling available for fixed aspect ratio screens and independent input aspect ratios.

Edge Blending

- For independent edge and blend width adjustment.
- Correction for non-active pixels at the edge of the display.
- Electronic black level compensation.

Picture in Picture

- Two sources can be displayed either one within the other (PIP), or side by side, with original aspect ratios maintained.

HDBaseT® Interface

- Built in support for reception 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.

Colour Processing

- Powerful seven point colour correction for accurate colour matching.
- Selectable default colour gamut

Projector Control

- Intuitive user interface for network control

PC Projector Controller Application for:

- Simultaneous control of user-defined groups of projectors
- At-a-glance monitoring of projector status
- Served web pages for browser monitoring and control access from PC's and Smart phones

Projector Automation

- Real-time clock provides daily on/off automation.

Projector Maintenance Features

- IP6x Sealed optics.
- Long life 20,000 hour illumination.

Display Type:	1 x 0.67" DarkChip™ DMD™
Orientation:	Pointing Up: Yes Pointing Down: Yes Roll Portrait: Yes Tabletop Inverted: Yes

Lens Mount:	Motorised and programmable shift, zoom and focus. Intelligent Lens Memory with 10 user-definable preset positions (except UST lens).
Weight:	kg: 29.5 lb: 65
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
DVI-D 1.0	DVI	1
DisplayPort 1.1a	DisplayPort	1
HDMI 1.4b	HDMI	2
3G-SDI in	BNC	1
3G-SDI out	BNC	1
VGA / Analog RGB	15-pin D-Sub	1
VGA Monitor out	15-pin D-Sub	1
Component Video	5 x BNC	1
HDBaseT (see LAN)	LAN RJ45	1

Communication and Control

Connection	Connector	Qty
3D Sync Out	BNC	1
3D Sync In	BNC	1
LAN	RJ45	1
RS232	9-pin D-Sub	1
Wired Remote	3.5mm Stereo Jack	1
12V Trigger	3.5mm Stereo Jack	2
USB Power 5V/2A	USB Type A	1
NOTE: The LAN port is shared with HDBase-T.		
NOTE: USB Power only for WHDI interfaces.		

Available Lenses

Lens Name	Part #	Focus Range	Lens Shift
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: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (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: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
1.73 - 2.27 :1 zoom	112-501	1.83m - 14.9m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
2.22 - 3.67 :1 zoom	112-502	2.36m - 24.2m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
3.58 - 5.38 :1 zoom	112-503	3.8m - 35.35m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
5.31 - 8.26 :1 zoom	112-504	5.59m - 54.8m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame

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.