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M-Vision 30000 WU (Preliminary)



Brightness: 30000 ISO / 26,700 ANSI | Contrast: 10,000:1 (Dynamic Black) | Part Number: 124-299



TECHNICAL CONFIGURATION

Brightness:	30000 ISO / 26,700 ANSI
Contrast:	10,000:1 (Dynamic Black)
Colour System:	Blue + Red Laser illumination
Computer Compatability:	VGA, SVGA, XGA, SXGA, SXGA+, WXGA, UXGA, WUXGA, Support for WQXGA
Mechanical Mounting:	Front/Rear Table Front/Rear Ceiling Adjustable Front/Rear Feet
Dimensions:	<p>Projector Dimensions (Including handles and feet)</p> <p>L: 768.4mm x W: 598.8mm x H: 302.75mm L: 30.25 inch x W: 23.57 inch x H: 11.92 inch</p> <p>Projector Dimensions (Excluding handles)</p> <p>L: 669.4mm x W: 598.8mm x H: 302.75mm L: 26.35 inch x W: 23.57 inch x H: 11.92 inch</p> <p>Carton Dimensions</p> <p>944mm x W: 758mm x H: 516mm L: 37.17 inch x W: 29.84 inch x H: 20.31 inch</p>
Bandwidth:	18Gb/s (600MHz clock rate) on HDMI
Lamp Type:	MCL Blue Laser Light Source and MCL Red Laser Light Source with Custom light output setting range: 30% - 100% Constant Brightness mode
Typical Lamp Life:	20,000 hours

Colour Temperature:	User selectable: 3200K / 5400K / 6500K / 7500K / 9300K / Native
HDTV Formats:	EDTV (480p, 576p,) HDTV (720p, 1080i, 1080p, UHD, DCI 4K), Display Support for 4K-UHD 3840 x 2160 60HZ and up to 4096 x2160 60Hz.
Remote Control:	Addressable IR Remote Control, wireless and wired On-Board keypad
Automation Control:	LAN RS-232 Alert E-Mails from Projector Served webpage OSD functions for full Projector Control via web browser LAN Control-Crestron Roomview™ LAN Control-Crestron eControl LAN Control-PJ Link compatible LAN Control-AMX SSDP LAN to RS232 (RS232 by Telnet) Concurrence Control for RS232/LAN DMX Art-Net control Scheduled On and Off times
Temperature:	Operating: 0 to 40 °C (32 to 104 °F) Operating: 33 - 35 °C (91.4 - 95 °F) Projector automatically set to 90% laser power mode Operating: 35 - 40 °C (95 - 104 °F) Projector automatically set to eco mode Storage: -20 to 60 °C (-4 to 140 °F)
Operating Humidity:	90% (with maximum temperature of 35 °C) non-condensing
Fan Noise:	Normal mode: 51 dBA max, 49 dBA typical Eco mode: 49 dBA max, 47dBA typical
Power Requirements:	200~240 VAC 10.8 A 50/60Hz 110~130 VAC 11.9 A 50/60Hz At 120 VAC the projector will be in a reduced Brightness mode
Power Consumption:	At 110VAC: typical 1020 W, max 1120 W in High Altitude mode At 110VAC: typical 810 W, max 1720 W in Normal mode At 230VAC: typical 1860 W, max 2045 W in High Altitude mode At 230VAC: typical 1720 W, max 1890 W in Normal mode At 230VAC: typical 1220 W, max 2045 W in Eco mode
Thermal Dissipation:	At 110 VAC: typical 3480 BTU/hr, max 3822 BTU/hr in High Altitude mode At 110 VAC: typical 2764 BTU/hr, max 5869 BTU/hr in Normal mode At 230 VAC: typical 6347 BTU/hr, max 6978 BTU/hr in High Altitude mode At 230 VAC: typical 5869 BTU/hr, max 6449 BTU/hr in Normal mode At 230 VAC: typical 4136 BTU/hr, max 6978 BTU/hr in ECO mode
Safety:	cTUVus, CB, CCC (China), FCC Class A (USA) FDA, CE (European Economic Area), UKCA, KC (Korea), BSMI (Taiwan), IEC/EN 62471-5:2015, GB/T 30117.5-2019, Class 1 Laser Product, Risk Group 3, IEC/EN 60825-1:2014, JIS C 6802 : 2018, IEC 60825-1:2014, EN 60825-1:2014+A11:2021

This product is in conformity with performance standards for laser products under 21 CFR 1040, except with respect to those characteristics authorised by Variance Number 2021-V-0192 effective on March 20, 2021

Product url:	https://www.axiondisplays.com/brands/digital-projection/projectors/m-vision/m-vision-30000-wu/
3D Compatibility:	<ul style="list-style-type: none"> Frame Packing Dual Pipe Frame Sequential Side By Side (half) Top and Bottom
Source Compatibility:	12G-SDI single link - SMPTE 292M (HD), SMPTE 424M (3G), SMPTE 2081 (6G), SMPTE 2082 (12G).
Video Processing:	<p>ColorBoost+Red Laser</p> <ul style="list-style-type: none"> • Uses red laser diodes for increased colour fidelity and highly accurate colours <p>Video & Graphics Processing</p> <ul style="list-style-type: none"> • HDMI 2.0 compliance for Side by Side, Frame Packing, Frame Sequential and TopBottom 3D Formats. • DisplayPort 1.2 with HDCP 2.2 compliance. • 10-bit colour processing (30-bits per pixel). • Support for 1080p 24Hz native display. • Support for 4K 4096 x 2160 resolution. • HDR support • Input source automatically detected. • Input redundancy mode with auto switching. • Dual Pipe Processing: Two sources in parallel for Left and Right eyes. • Synchronisation of active 3D glasses or polarising switcher. • DICOM simulation mode. • Sealed light engine <p>Geometry Correction</p> <ul style="list-style-type: none"> • Vertical & Horizontal Keystone correction. • Four Corner adjustment. • Rotation. • Pin/Barrel. • Wall Corner adjustment. • Centre Shift (Horizontal and Vertical linearity adjustment). • Custom Warp. • Upload of maps for warp, blend, uniformity and masking. • Selectable aspect ratios: 5:4 / 4:3 / 16:10 /16:9 / 1.88 / 2.35 / TheaterScope / Source / Unscaled. • Digital Zoom. • Blanking control for custom input window sizing. <p>Edge Blending</p>

- 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 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 Controller Software

- Intuitive user interface for network control.
- Simultaneous control of user-defined groups of projectors.
- At-a-glance monitoring of projector status.

Projector Automation

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

Installation

- 4 x eye bolts included for easy rigging.
- 4 x top stacking mounts and mount securing pins
- IP6X sealed optics.

Display Type:	1 x 0.96" DarkChip 3™ DMD™
Orientation:	Pointing Up: Yes Pointing Down: Yes Roll Portrait: Yes Tabletop Inverted: Yes
Lens Mount:	Motorised Shift, Zoom and Focus. Intelligent Lens Memory with 10 user-definable pre-set positions.
Weight:	kg: 48.5 lb: 106.9
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
DisplayPort 1.2	DisplayPort	2
HDMI 2.0	HDMI	2
HDBaseT	RJ45	1
12G-SDI In	BNC	1
12G-SDI Out (loopthrough)	BNC	1

Communication and Control

Connection	Connector	Qty
3D Sync In	BNC	1
3D Sync Out	BNC	1
3D Sync IR	BNC	1
Ethernet / Art-Net	EtherCON RJ45	1
HDBaseT/Ethernet/RS232/IR	RJ45	1
Serial In 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

Available Lenses

Lens Name	Part #	Focus Range	Lens Shift
0.38:1 fixed	123-417	1.6m - 5m	Vert: 0.50 (U) 0.50 (D) frame, Hor: 0.025 (L) 0.025 (R) frame
0.9 - 1.2 : 1 zoom	120-624	0.92m - 10.6m	Vert: 0.45 (U) 0.45 (D) frame, Hor: 0.15 (L) 0.15 (R) frame
1.20 - 1.56 : 1 zoom	120-625	0.95m - 17.47m	Vert: 0.5 (U) 0.5 (D) frame, Hor: 0.15 (L) 0.15 (R) frame
1.50 - 2.00 : 1 zoom	120-626	1.24m - 16.4m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.15 (L) 0.15 (R) frame
2.00 - 4.00 : 1 zoom	120-627	1.82m - 41.8m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.15 (L) 0.15 (R) frame
4.00 - 7.00 : 1 zoom	120-628	4.38m - 74.5m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.15 (L) 0.15 (R) frame
6.9 - 10.3 : 1 zoom	123-418	12m - 80m	Vert: 0.5 (U) 0.5 (D) frame, Hor: 0.15 (L) 0.15 (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.