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M-Vision 27000 WU (Preliminary)



Brightness: 27,000 ISO / 24,000 ANSI | Contrast: 10,000:1 (Dynamic Black) | Part Number: 123-540



TECHNICAL CONFIGURATION

| | |
|--------------------------------|--|
| Brightness: | 27,000 ISO / 24,000 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) 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) 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 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 |

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| 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: 50 dBA max, 48 dBA typical Eco mode: 48 dBA max, 46dBA typical |
| Power Requirements: | 200 240VAC 50/60Hz single phase 10.6A 110 - 130VAC 50/60Hz single phase 11.1A At 120V the projector will be in a reduced brightness mode |
| Power Consumption: | Typical 1550W @ 220VAC in Normal Mode Typical 850W @ 110VAC in Normal mode |
| Thermal Dissipation: | Typical 5289 BTU/Hour @ 220VAC in Normal mode Typical 2901 BTU/Hour @ 110VAC in Normal mode |
| Safety: | cTUVus, CB, CCC (China), FCC Class A (USA), FDA, CE (European Economic Area), UKCA, KC (Korea), BSMI (Taiwan), IEC EN 60825-1:2007 Class 3R Laser Product, IEC EN 60825-1:2014 Class 3R Laser Product, GB 7247.1-2012 |
| Product url: | https://www.axiondisplays.com/brands/digital-projection/projectors/m-vision/m-vision-27000-wu/ |
| 3D Compatibility: | Frame Packing Dual Pipe Frame Sequential Side By Side (half) |

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| | <p>Top and Bottom Compatible with polarised 3D glasses</p> |
| Source Compatibility: | <p>12G-SDI single link - SMPTE 292M (HD), SMPTE 424M (3G), SMPTE 2081 (6G), SMPTE 2082 (12G).</p> |
| 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> <ul style="list-style-type: none"> • Correction for non-active pixels at the edge of the display. <p>HDBaseT® Interface</p> <ul style="list-style-type: none"> • 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. <p>Colour Processing</p> <ul style="list-style-type: none"> • 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.

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|---------------------------|---|
| 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: 47.2 lb: 104.1 |
| 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.