

M-Vision 930 WUXGA 3D

12,000 ANSI Lumens | Contrast Ratio: 5,000:1 (Dynamic Black) 2,000:1 native | Part No:114-259



Colour System: 6 Segment RGBYCW Colour Wheel	DMD Specification: 1920 x 1200 pixels native, +/- 12° tilt angle Fast transit pixels for smooth greyscale and improved contrast.
Display Type: 1 x 0.96" DarkChip™ DMD™	Aspect Ratio: 16x10 Fill Factor 87%

Key Features

Video & Graphics Processing

- HDMI 1.4 for Side by Side, Frame Packing & Top Bottom Formats.
- Dual Flash Processing can be used to multiply the displayed frame rate for 3D sources (example 144Hz display).
- Dual Pipe Processing: Two sources in parallel for Left and Right Eyes.
- Synchronisation of active glasses, DLP® Link™ glasses or polarising switcher.
- High Bandwidth Digital & Analog Receiver with 10 Bit A-D.
- The projector automatically detects interlaced video and implements 3:2 or 2:2 extraction as appropriate, with pixel based, motion adaptive interpolation and auto cadence correction.
- 24p and 1080p native display.

Geometry Correction

- Cornerstone, Vertical & Horizontal Keystone, Pincushion & Barrel, and Image Rotation.
- Blanking control for custom input window sizing.

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 projector to be placed up to 80m from source with low cost cabling.

Projector Controller Software

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

Source Compatibility:

HDMI including Deep Color™ processing and 3D standards.
 Dual Link DVI accepts graphics standards up to 1920 x 1200 at 120Hz.
 Graphics standards up to 1920 x 1200 resolution at via DVI, HDMI or VGA.
 Component Video (SD and HD) via YPrPb or RGB.

Inputs/Outputs

Video & Computer			Communication & Control		
Type	Connector	Qty	Type	Connector	Qty
HDMI 1.4	HDMI	2	3D Sync Out	BNC	1
DVI - Dual Link DVI-D	DVI	1	3D Sync In	BNC	1
HDBaseT	RJ45	1	LAN	RJ45	1
VGA	15-pin D-Sub	1	RS232	9-pin D Sub	1
Component Video	3 x BNC	1	IR Input	3.5mm Stereo Jack	1
Component Video	3 x RCA	1	12V Trigger	3.5mm Stereo Jack	2
			Service Port	USB Type A	1

3D Formats Supported

Frame Packing
 Dual Pipe
 Frame Sequential
 Side By Side (half)
 Top and Bottom

HDTV Formats Supported

1080p (23.98Hz, 24Hz, 25Hz, 29.97Hz, 30Hz, 50Hz, 59.94Hz, 60Hz), 1080i (50Hz, 59.94Hz, 60Hz), 720p (50Hz, 59.94Hz, 60Hz)

Computer Compatibility

Up to 1920 x 1200

Bandwidth

170 MHz on analog RGB
 165 Megapixels per second on HDMI and DVI
 297 Megapixels per second on Dual Link DVI

Remote Control

IR Remote Control
 On-Board keypad

Automation Control

LAN
 RS232

Colour Temperature

User selectable from 5400 to 9300K

Lamp Type

2 x 465W High Intensity Discharge

Typical Lamp Life

1500 hours

Lenses

Lens	Part No.	Focus Range	Lens Shift
0.84 - 1.03 : 1 zoom	114-313	1.5m - 10m	Vert: 0.37 (U) 0.37 (D) frame, Hor: 0.12 (L) 0.12 (R) frame
1.56 - 1.86 : 1 zoom	114-314	2m - 12.4m	Vert: 0.5 (U) 0.5 (D) frame, Hor: 0.15 (L) 0.15 (R) frame
1.85 - 2.40 : 1 zoom	114-315	2.5m - 15.9m	Vert: 0.5 (U) 0.5 (D) frame, Hor: 0.15 (L) 0.15 (R) frame
2.40 - 4.00 : 1 zoom	114-316	4m - 26.6m	Vert: 0.5 (U) 0.5 (D) frame, Hor: 0.15 (L) 0.15 (R) frame

Lens Mount

Motorised shift, zoom and focus.

Mechanical Mounting

Front/Rear Table
 Front/Rear Ceiling
 Adjustable Front/Rear Feet

Orientation

Table Top or Inverted: Yes
Pointing Up: Yes
Pointing Down: Yes
Roll (Portrait): +/-10° from horizontal

Power Requirements

100 - 240VAC 50/60Hz single phase

Power Consumption

1200W

Thermal Dissipation

3771 BTU/Hour

Fan Noise

48 dBA

Operating/Storage Temperature

Operating: 0 to 35C (32 to 95F)
 Storage: -20 to 60C (-4 to 140F)

Operating Humidity

20% to 90% non-condensing

Weight (Chassis Only)

28.6 kg
 63.1 lb

Dimensions

L: 63.2 cm W:50 cm H:24 cm
 L: 24.9 in W:19.7 in H:9.4 in

Safety & EMC Regulations

CE, FCC Class A , UL, CCC

Accessories

Accessory	Part No.
M-Vision 930 3D Lamp & Housing	114-318
Infrared Remote (replacement)	115-758
Ceiling Mount Kit w/plate & 500mm pole	112-942

**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.*

Downloads

[PDF CAD Drawings](#)

[User Guides](#)

[AUTOCAD Drawings](#)

[Important Information](#)

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