

## M-Vision 930 WUXGA 3D

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

### M-VISION CINE 930 SERIES DIGITAL PROJECTORS

THE VISIONARIES CHOICE



<b>Colour System:</b> 6 Segment RGBYCW Colour Wheel	<b>DMD Specification:</b> 1920 x 1200 pixels native display. Fast transit pixels for smooth greyscale and improved contrast.
<b>Display Type:</b> 1 x 0.96" DarkChip™ DMD™	<b>Aspect Ratio:</b> 16x10 <b>Fill Factor</b> 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

- Non-linear Warp adjustment by moving points on an interpolated grid.
- 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
- Warp control.

## 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

**NOTE: The LAN port is shared with HDBase-T.**

## 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

## Operation

24x7 Operation

## Lamp Type

2 x 465W High Intensity Discharge

## Typical Lamp Life

1500 hours

## Lenses

Lens	Part No.	Optimised Focus	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
1.20 - 1.56 : 1 zoom	117-573	1m - 8m	Vert: 0.5 (U) 0.5 (D) frame, Hor: 0.15 (L) 0.15 (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
4.00 - 7.00 : 1 zoom	117-463	4m - 42m	Vert: 0.5 (U) 0.5 (D) frame, Hor: 0.15 (L) 0.15 (R) frame

\* Lens focal ranges above are the optimised distances but are likely to focus further, please contact your RSM for more details. Lens ratio tolerances: E-Vision Series: +/-3%. HighLite Series: +/- 5%. M-Vision Series: +/- 2%. Titan Series: +/-2%, INSIGHT Series: +/-2%,

## 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

## Fan Noise

3771 BTU/Hour

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

M-Vision 930 3D Lamp & Housing  
Infrared Remote (replacement)  
Replacement Filter Set

#### Part No.

114-318  
115-758  
114-520

*\*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](#)

[User Guides German](#)

[User Guides French](#)

[Important Information](#)



Certificate Number 13629  
ISO 9001

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