

INSIGHT 4K 930 (Preliminary)

17,500 ANSI Lumens | Contrast Ratio: 2000:1 | Part No:TBA

INSIGHT 4K 930
DIGITAL PROJECTOR



THE VISIONARIES CHOICE

Colour System:

3-chip DLP®

DMD Specification:

4096 x 2160 pixels native.
Fast transit pixels for smooth greyscale and improved contrast.

Display Type:

3 x 1.38" DarkChip™ DMD™

Aspect Ratio:

1.90:1

Fill Factor

87%

Key Features

Video & Graphics Processing

- Up to 60fps 4096 x 2160 pixels sequential input via single cable (Display Port 1.2)
- 3D Capable
- Scaling of HDMI 1.4 formats to fill the 4K display
- Dark Time insertion capability
- HDMI 1.4b up to 3840 x 2160 at 30 fps.
- Dual Flash Processing can be used to multiply the displayed frame rate for 3D sources (example 144Hz display).
- Synchronisation of active glasses or polarising switcher.

Color adjustments

- Up to 12 bits per color processing (depending on source and input type).
- Degamma table maps 12 bit input to 16 bit palette (R, G & B) for display.
- Individual R, G & B lift and gain.
- Black and White level adjustment via Brightness & Contrast control.
- Degamma selection from a list of parametric curves.

ColorMax™

- Accurate matching of projectors in tiled or blended applications.
- User selection and storage of primary and secondary user defined color targets up to 7 points.

3D Functionality

- Full 4K 3D display capability
- Frame multiplication capability (2x, 3x) with interleaving of Left/Right repeated frames.
- Synchronisation of active glasses or polarising switcher.
- Adjustable Dark Time and Synch Offset for optimisation of ghosting and smooth greyscale for switching glasses and polarizers.

Projector Control

- Keypad.
- Wired remote control.
- Network control via RJ45 and protocol.
- Group Controller Application

Source Compatibility:

Graphics standards up to 4096 x 2160 at 60 fps via DisplayPort. 30 fps via HDMI.

Inputs/Outputs

Video & Computer			Communication & Control		
Type	Connector	Qty	Type	Connector	Qty
DisplayPort 1.2	DisplayPort	2	3D Sync Out	BNC	1
HDMI 1.4	HDMI	2	3D Sync In	BNC	1
			LAN	RJ45	1
			RS232	9-pin D Sub	1
			Wired Remote In	3.5mm Stereo Jack	1
			Infra-Red	Front and Rear IR Receivers	2

3D Formats Supported

Dual Pipe (Q3 2016)
Frame Sequential

HDTV Formats Supported

4096 x 2160p (24, 25, 30, 50, 59.94, 60 Hz)
3840 x 2160p (24, 25, 30, 50, 59.94, 60 Hz)
1080p (24, 25, 30, 50, 59.94, 60 Hz)

Computer Compatibility

Up to 4096 x 2160

Bandwidth

N/A

Remote Control

Wired remote control
On-Board keypad

Automation Control

RS232
LAN

Colour Temperature

Adjustable

Lamp Type

2 x 465W High Intensity Discharge

Typical Lamp Life

Full Power: 1500 hours (up to 6000 hours in lamp sequential mode) Eco Mode : 2000 hours (up to 8000 hours in lamp sequential mode)

Lenses

Lens	Part No.	Focus Range	Lens Shift
0.93:1 fixed	116-087	0.5m - 100m	Vert: 0.210 (U) 0.210 (D) frame, Hor: 0.08 (L) 0.08 (R) frame
1.13 - 1.72:1 zoom	115-627	2.5m - 100m	Vert: 0.340 (U) 0.190 (D) frame, Hor: 0.09 (L) 0.09 (R) frame
1.65 - 2.60:1 zoom	115-630	3.5m - 100m	Vert: 0.400 (U) 0.200 (D) frame, Hor: 0.13 (L) 0.13 (R) frame
2.53 - 4.98:1 zoom	115-632	4.5m - 100m	Vert: 0.375 (U) 0.200 (D) frame, Hor: 0.13 (L) 0.13 (R) frame

Lens Mount

Motorised shift, zoom and focus. Intelligent Lens Memory with user-definable preset positions.

Mechanical Mounting

Front/Rear Table
Front/Rear Ceiling
Adjustable Front/Rear Feet
Optional RapidRig™ frame with integrated pitch, roll and yaw adjustments.

Orientation

Table Top or Inverted: Yes
Pointing Up: Yes
Pointing Down: No
Roll (Portrait): No

Power Requirements

200-240VAC 50/60Hz single phase

Power Consumption

2100WW

Thermal Dissipation

7165 BTU/Hour BTU/Hour

Fan Noise

48 dBA

Operating/Storage Temperature

Operating Humidity

Operating: 0 to 40C (32 to 104F)
Storage: -10 to 50C (14 to 122F)

20 to 80% non-condensing

Weight (Chassis Only)

Dimensions

H: 32.5 cm W: 70.0 cm L: 82.0 cm
H: 12.8 in W: 27.56 in L: 32.3 in

Safety & EMC Regulations

CE, FCC Class A

**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.*

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Downloads

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