

INSIGHT LASER 8K

25,000 Lumens | Contrast Ratio: 2,000:1 Native | Part No:119-530

INSIGHT LASER 8K

IMAGING BY: 

THE VISIONARIES CHOICE



Colour System: Laser Phosphor	DMD Specification: Displays 8K-UHD 7680x4320, 4096 x 2160 native Aspect Ratio: 1.9:1
Display Type: 3 x 1.38" DarkChip 3 DMD , +/- 12° tilt angle	Fill Factor 87%

Key Features

- High Performance High resolution projector
- Displays up to 8K-UHD 7680x4320 @ 60Hz
- Ultra high frame rate capability up to 240Hz at 4K resolution
- Smear reduction
- Low latency 2 frames
- Laser power dimming
- Input via DisplayPort or SDI
- Compact integrated chassis
- Long life light source
- Sealed light module

Video and Graphics Processing

- 4 x DisplayPort 1.2
- 4 x 12G-SDI
- 16 x 3G-SDI
- 10 bit processing

Colour Processing

- Powerful seven point colour correction for accurate colour matching.
- Selectable de-gamma curves
- Individual R,G,B lifts and gains

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

- Via LAN

Source Compatibility: Graphics standards up to 7680x4320 resolution at 60Hz via DisplayPort or SDI.

Inputs/Outputs

Video & Computer			Communication & Control		
Type	Connector	Qty	Type	Connector	Qty
DisplayPort 1.2	DisplayPort	4	LAN	RJ45	1
12G-SDI in	BNC	4	RS-232	9-pin D-Sub	1
3G-SDI in	BNC	16	Wired Remote	3.5mm Stereo Jack	1
			Sync	BNC (TBC)	1

3D Formats Supported	HDTV Formats Supported
N/A	1080p (24Hz, 60Hz)

Computer Compatibility	Bandwidth
Up to 7680x4320	N/A

Remote Control	Automation Control
Addressable IR remote Control, Wireless and wired. On-Board keypad.	RS232 LAN

Colour Temperature	Operation
3200K to 9300K	24x7 Operation

Lamp Type	Typical Lamp Life
Laser Light Source	20,000 hours

Lenses			
Lens	Part No.	Focus Range	Lens Shift
7680x4320	-	-	-
1.21 - 1.83:1 zoom	115-627	2.5m - 100m	Vert: 0.40 (U) 0.20 (D) frame, Hor: 0.10 (L) 0.14 (R) frame
1.76 - 2.77:1 zoom	115-630	3.5m - 100m	Vert: 0.45 (U) 0.20 (D) frame, Hor: 0.10 (L) 0.17 (R) frame
2.70 - 5.31:1 zoom	115-632	4.5m - 100m	Vert: 0.42 (U) 0.20 (D) frame, Hor: 0.10 (L) 0.17 (R) frame
At Native 4K	-	-	-
1.13 - 1.72:1 zoom	115-627	2.5m - 100m	Vert: 0.34 (U) 0.19 (D) frame, Hor: 0.08 (L) 0.10 (R) frame
1.65 - 2.60:1 zoom	115-630	3.5m - 100m	Vert: 0.40 (U) 0.20 (D) frame, Hor: 0.13 (L) 0.13 (R) frame
2.53 - 4.98:1 zoom	115-632	4.5m - 100m	Vert: 0.37 (U) 0.20 (D) frame, Hor: 0.13 (L) 0.13 (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. Intelligent Lens Memory with user-definable preset positions.

Mechanical Mounting	Orientation
Front/Rear Table	Table Top or Inverted: Yes
Front/Rear Ceiling	Pointing Up: Yes
Adjustable Front/Rear feet	Pointing Down: Yes
Built-in stacking points	Roll (Portrait): Yes
Eye-bolts for handling a single projector	
Optional mounting/grab rail	

Power Requirements	Power Consumption
220-240VAC 50/60Hz single phase Power connector: 30A Hubbel	3800W @ 240VACW

Thermal Dissipation	Fan Noise
12965 BTU/Hour @ 240VAC BTU/Hour	55dBA

Operating/Storage Temperature	Operating Humidity
Operating: 0 to 35C (32 to 95F) Storage: -20 to 60C (-4 to 140F)	10 to 90% non-condensing

Weight (Chassis Only)	Dimensions
132 kg 291 lb	L: 100.3cm W: 72.2cm H: 47.9cm L: 39.5 inch W: 28.4 inch H: 18.9 inch

Safety & EMC Regulations

UL / cUL, CB, CE, FCC Class A, IEC EN 60825-1 Class
3R Laser Product, IEC EN 62471-5 Risk Group 3, BSMI,

FDA, CCC  Laser Radiation
Avoid direct eye exposure
Class 3R Laser product

**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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