

## INSIGHT LASER 8K

25,000 ANSI Lumens | Contrast Ratio: 20,000:1 Dynamic / 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

### Display Type:

3 x 1.38" DarkChip 3 DMD , +/- 12° tilt angle

Aspect Ratio:  
1.9:1

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

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
3200K to 9300K

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

Lenses			
Lens	Part No.	Focus Range	Lens Shift
1.13 - 1.72:1 zoom	115-627	2.5m - 100m	Vert: 0.34 (U) 0.19 (D) frame, Hor: 0.08 (L) 0.08 (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: 0.375 (U) 0.20 (D) frame, Hor: 0.3 (L) 0.3 (R) frame

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


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

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

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**DIGITAL PROJECTION, INC** 55 CHASTAIN ROAD, SUITE 115 KENNESAW, GA. 30144  
T: 770.420.1350 | F: 770.420.1360 | [www.digitalprojection.com](http://www.digitalprojection.com)

**DIGITAL PROJECTION, LTD** GREENSIDE WAY, MIDDLETON MANCHESTER, UK. M24 1XX  
T: +44.161.947.3300 | F: +44.161.684.7674 | [www.digitalprojection.co.uk](http://www.digitalprojection.co.uk)

**DIGITAL PROJECTION, CHINA** Rm A2006, ShaoYaoJu 101 North lane, Shi AO International Center, Chao Yang District, Beijing, 100029, PR  
CHINA  
T: +86.10.58239771 | F: +86 10 58239770

**DIGITAL PROJECTION, ASIA** 16 NEW INDUSTRIAL ROAD, #02-10 HUDSON TECHNOCENTRE SINGAPORE 536204  
T: +65.6284.1138 | F: +65.6284.1238