

INSIGHT LASER 37000 8K (Preliminary)

37,000 ISO Lumens | Contrast Ratio: 2,000:1 Native | Part No:120-782

INSIGHT LASER 37000 8K

IMAGING BY:  ASTRO

THE VISIONARIES CHOICE



Colour System:

Laser Phosphor with ColorBoost + Red Laser

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 @ 120Hz
- Ultra high frame rate capability up to 240Hz at 4K resolution
- Low latency processing
- Laser power dimming
- Input via DisplayPort, SDI or HDMI
- Compact integrated chassis
- Long life light source
- Sealed light module

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.

Source Compatibility:

Up to 7680x4320 resolution at 60Hz via DisplayPort, SDI or HDMI.

Up to 7680x4320 resolution at 120Hz via 12G SDI

Inputs/Outputs

Video & Computer			Communication & Control		
Type	Connector	Qty	Type	Connector	Qty
3G-SDI	BNC	16	LAN	RJ45	1
12G-SDI	BNC	8	RS-232	9-pin D-Sub	1
HDMI	HDMI	4	Wired Remote	3.5mm Stereo Jack	1
DisplayPort	DisplayPort	2	Sync	BNC (TBC)	1
3D Formats Supported			HDTV Formats Supported		
Dual Pipe 7680 x 4320 @ 120Hz (TBC) via 12G SDI			4096 x 2160p (24, 59.94, 60 Hz) 3840 x 2160p (24, 59.94, 60 Hz) 1080p (24, 59, 94, 60 Hz)		
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.	Optimised Focus	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			
200-240VAC 50/60Hz single phase		3800W @ 240VACW			
Power connector: 32A Ceeform (Europe)					
or L6 30P (USA)					
Thermal Dissipation		Fan Noise			
12965 BTU/Hour @ 240VAC (TBC) BTU/Hour		52dBA			
Operating/Storage Temperature		Operating Humidity			
Operating: 0 to 35C (32 to 95F)		10 to 90% non-condensing			
Storage: -20 to 60C (-4 to 140F)					
Weight (Chassis Only)		Dimensions			
132 kg		L: 113.0cm W: 75.0cm H: 49.3cm			
291 lb		L: 44.5 inch W: 29.5 inch H: 19.4 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

Accessories

Accessory	Part No.
Replacement filter set	120-784

**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



Certificate Number 13629
ISO 9001

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