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INSIGHT LASER 37000 8K

IMAGING BY: 

THE VISIONARIES CHOICE



INSIGHT LASER 37000 8K (Preliminary)

37,000 ISO Lumens | Contrast Ratio: 2,000:1 Native | Part Number: 120-782

Key Specifications:

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

	3G-SDI	BNC	16																																
	12G-SDI	BNC	8																																
	HDMI	HDMI	4																																
	DisplayPort	DisplayPort	2																																
Communication & Control																																			
Type		Connector	Qty																																
LAN		RJ45	1																																
RS-232		9-pin D-Sub	1																																
Wired Remote		3.5mm Stereo Jack	1																																
Sync		BNC (TBC)	1																																
3D Formats Supported	Dual Pipe 7680 x 4320 @ 120Hz (TBC) via 12G SDI																																		
HDTV Formats Supported	4096 x 2160p (24, 59.94, 60 Hz) 3840 x 2160p (24, 59.94, 60 Hz) 1080p (24, 59, 94, 60 Hz)																																		
Computer Compatibility	Up to 7680x4320																																		
Bandwidth	N/A																																		
Remote Control	Addressable IR remote Control, Wireless and wired. On-Board keypad.																																		
Automation Control	RS232 LAN																																		
Colour Temperature	3200K to 9300K																																		
Operation																																			
illumination Type	Laser Light Source																																		
Typical illumination Life	20,000 hours																																		
Lenses	<table><tr><th>Lens</th><th>Part No.</th><th>Optimised Focus Range*</th><th>Lens Shift (Frame)</th></tr><tr><td>7680 X 4320</td><td>-</td><td>-</td><td>-</td></tr><tr><td>1.21 - 1.83:1 zoom</td><td>115-627</td><td>2.5m - 100m</td><td>Vert: 0.40 (U) 0.20 (D) frame, Hor: 0.10 (L) 0.14 (R) frame</td></tr><tr><td>1.76 - 2.77:1 zoom</td><td>115-630</td><td>3.5m - 100m</td><td>Vert: 0.45 (U) 0.20 (D) frame, Hor: 0.10 (L) 0.17 (R) frame</td></tr><tr><td>2.70 - 5.31:1 zoom</td><td>115-632</td><td>4.5m - 100m</td><td>Vert: 0.42 (U) 0.20 (D) frame, Hor: 0.10 (L) 0.17 (R) frame</td></tr><tr><td>At Native 4K</td><td>-</td><td>-</td><td>-</td></tr><tr><td>1.13 - 1.72:1</td><td>115-627</td><td>2.5m - 100m</td><td>Vert: 0.34 (U) 0.19 (D) frame, Hor: 0.08 (L) 0.10 (R) frame</td></tr><tr><td>1.65 - 2.60:1</td><td>115-630</td><td>3.5m - 100m</td><td>Vert: 0.40 (U) 0.20 (D) frame, Hor: 0.13</td></tr></table>			Lens	Part No.	Optimised Focus Range*	Lens Shift (Frame)	7680 X 4320	-	-	-	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	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	115-630	3.5m - 100m	Vert: 0.40 (U) 0.20 (D) frame, Hor: 0.13
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	2.53 - 4.98:1	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	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		
Orientation	Table Top or Inverted: Yes Pointing Up: Yes Pointing Down: Yes Roll (Portrait): Yes		
Power Requirements	200-240VAC 50/60Hz single phase Power connector: 32A Ceeform (Europe) or L6 30P (USA)		
Power Consumption	3800W @ 240VAC		
Thermal Dissipation	12965 BTU/Hour @ 240VAC (TBC)		
Fan Noise	52dBA		
Operating/Storage Temperature:	Operating: 0 to 35C (32 to 95F) Storage: -20 to 60C (-4 to 140F)		
Operating Humidity	10 to 90% non-condensing		
Weight	132 kg / 291 lbs		
Dimensions	L: 113.0cm W: 75.0cm H: 49.3cm 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	PDF CAD Drawings AUTOCAD Drawings STEP / IGS Drawings		
User Guide			



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