

INSIGHT DUAL LASER 4K

27,000 ANSI Lumens | Contrast Ratio: 2,000:1 | Part No:118-530

INSIGHT DUAL LASER 4K DIGITAL PROJECTOR

THE VISIONARIES CHOICE



Colour System:	DMD Specification:
3-chip DLP®	4096 x 2160 pixels native, +/- 12° tilt angle Fast transit pixels for smooth greyscale and improved contrast.
Display Type:	Aspect Ratio:
3 x 1.38" DarkChip™ DMD™	1.90:1
	Fill Factor 87%

Key Features

- High Brightness laser illuminated.
- Compact integrated chassis.
- Long life light source.
- Sealed optics.
- Maintenance free.
- 3D capable.
- DisplayPort 1.2 and HDMI 2.0 inputs.

Video & Graphics processing

- Up to 60 fps 4096 x 2160 pixels sequential input via DisplayPort.
- Up to 60 fps (2 x 30 fps) 4096 x 2160 pixels Dual-Pipe input via DisplayPort.
- Dual Flash Processing for 3D sources.
- Dark Time insertion capability.
- Smear reduction for 2D displays.
- Synchronisation of active glasses (or polarising switcher, TBC).
- Low Latency Processing.
- Image blanking (linear curtains) on all edges.

Color adjustments

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

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.

Projector Control

- Keypad with on-screen display.
- Remote control - IR or cable.
- Network control via RJ45.
- Served web page for remote control via tablets and smart phones. (Wireless requires access point not supplied).
- PC control application.

Mounting

- Built-in stacking points.
- Eyebolts for handling a single projector.
- Optional mounting/grab rail.

Lens features

- Robust lens mount with memorised position, zoom and focus.
- Extensive lens shift encompassing all lens capabilities.
- High quality sharp lenses designed for 4K performance with long focal distances.

Source Compatibility:

Graphics standards up to 4096 x 2160 at 60 fps via DisplayPort. 60 fps via HDMI. Higher input frame rates supported at lower input resolution.

Inputs/Outputs

Video & Computer			Communication & Control		
Type	Connector	Qty	Type	Connector	Qty
DisplayPort 1.2	DisplayPort	2	3D Sync Out	BNC	1
HDMI 2.0	HDMI	2	3D Sync In	BNC	1
			LAN	RJ45	1
			RS232	9-pin D Sub	1
			Wired Remote In	3.5mm Stereo Jack	1
			Service Port	USB Type A	1
3D Formats Supported			HDTV Formats Supported		
Dual Pipe			4096 x 2160p (24, 25, 29.97, 30, 50, 59.94, 60 Hz)		
Frame Sequential			3840 x 2160p (24, 25, 29.97, 30, 50, 59.94, 60 Hz)		
			1080p (24, 25, 29.97, 30, 50, 59.94, 60 Hz)		
Computer Compatibility			Bandwidth		
Up to 4096 x 2160			N/A		
Remote Control			Automation Control		
Wired remote control			RS232		
On-Board keypad with OSD			LAN		
Colour Temperature					
User selectable from 3300 to 10000K					
Lamp Type			Typical Lamp Life		
Laser Light Source			20,000 hours		
Lenses					
Lens	Part No.	Optimised Focus Range	Lens Shift		

At Native 4K	-	-	-
0.93:1 fixed	117-310	0.5m - 100m	Vert: 0.21 (U) 0.21 (D) frame, Hor: 0.08 (L) 0.08 (R) frame
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
At UHD	-	-	-
0.99:1 fixed	117-310	0.5m - 100m	Vert: 0.27 (U) 0.20 (D) frame, Hor: 0.10 (L) 0.11 (R) frame
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

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
	Roll (Portrait): Yes

Power Requirements	Power Consumption
200 - 240VAC 50/60Hz single phase	3400W

Thermal Dissipation	Fan Noise
11602 BTU/Hour	54dBa

Operating/Storage Temperature	Operating Humidity
Operating: 0 to 40C (32 to 104F)	20 to 80% non-condensing
Storage: -10 to 50C (14 to 122F)	

Weight (Chassis Only)	Dimensions
100 kg	H: 47.9 cm W: 72.2 cm L: 100.3 cm
220 lb	H: 18.9 in W: 28.4 in L: 39.5 in

Safety & EMC Regulations
CE, FCC Class A, UL, CCC

Accessories

Accessory	Part No.
Mounting rail	118-471
Replacement filter set	118-534
Lens Adapter Kit for 0.72:1 4K Schneider Lens	117-343

**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](#)

[User Guides German](#)

[User Guides French](#)

[Important Information](#)



Certificate Number 13629
ISO 9001

Specifications subject to change without notice. Digital Projection version: - ©2016 Digital Projection.
DLP®, Digital Light Processing™ and DMD are trademarks of Texas Instruments, Inc

DIGITAL PROJECTION, LTD GREENSIDE WAY, MIDDLETON MANCHESTER, UK. M24 1XX
T: +44.161.947.3300 | F: +44.161.684.7674 | www.digitalprojection.co.uk

DIGITAL PROJECTION, INC 55 CHASTAIN ROAD, SUITE 115 KENNESAW, GA. 30144
T: 770.420.1350 | F: 770.420.1360 | www.digitalprojection.com

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