

Titan WUXGA LED + IR

2,000* ANSI Lumens | Contrast Ratio: 2,000:1 | Part No:114-469



Colour System:	DMD Specification:
3-chip DLP®	1920 x 1200 pixels native. Fast transit pixels for smooth greyscale and improved contrast.
Display Type:	Aspect Ratio:
3 x 0.96" DarkChip™ DMD™	16x10
	Fill Factor
	87%

Key Features

- Digital Projection has developed a variant of its Titan projector that incorporates the latest LED illumination technology to provide amazing quality images.
- These LEDs remain stable and consistent over many years of use, providing a colour gamut that goes way beyond the requirements of HDTV or cinema.
- The stability of the colour and luminance is of particular value in multi-projector installations. The very high frame rate, low latency capabilities are perfectly suited to simulation.
- Coupled with Digital Projection's advanced video processing technology, the new light sources provide the ideal reference quality display for home theatre, post production, visualisation and simulation installations.
- *Takes into account Helmholtz-Kohlrausch effect. LED illuminated projectors produce extraordinarily high colour purity and saturation, thus appearing brighter than a lamp-based display with similar measured lumen specifications.

High Bandwidth Inputs with Minimal Latency

- Pixel mapped to the display.
- Simultaneous display of visible and infrared light.
- Fully independent RGB & IR dimming.
- FastFrame™ Smear Reduction.

ColorMax™

- Accurate matching of projectors in tiled or blended applications.
- User selection and storage of primary and secondary color targets.

Projector Controller

- Provides an intuitive user interface for network control.
- Send commands simultaneously to user-defined groups.
- At a glance monitoring of projector status.

Source Compatibility:

DVI includes Deep Color™ processing up to 36 bit.
DVI input is HDMI compatible.

Inputs/Outputs

Video & Computer			Communication & Control		
Type	Connector	Qty	Type	Connector	Qty
DVI-D / DVI-A	DVI-I	1	LAN	RJ45	1
			RS232	9-pin D Sub	1
			Wired Remote In	3.5mm Stereo Jack	1
			Wired Remote Out	3.5mm Stereo Jack	1

3D Formats Supported	HDTV Formats Supported
Not applicable.	1080p (23.98Hz, 24Hz, 25Hz, 29.97Hz, 30Hz, 50Hz, 59.94Hz, 60Hz)

Computer Compatibility	Bandwidth
Up to 1920 x 1200	165 Megapixels per second on DVI

Remote Control	Automation Control
Addressable IR remote control, wireless and wired with loop-through. On-Board invertable keypad	RS232 LAN

Colour Temperature
User selectable from 3200 to 9000K

Lamp Type	Typical Lamp Life
LED Illumination Module	60,000 hours

Lenses			
Lens	Part No.	Focus Range	Lens Shift
0.67:1 fixed HB	105-607	1.1m - 10m	Vert: 0.108 (U) 0.108 (D) frame, Hor: 0.044 (L) 0.044 (R) frame
1.12:1 fixed HB	105-608	3m - 15m	Vert: 0.567 (U) 0.45 (D) frame, Hor: 0.188 (L) 0.188 (R) frame
1.12:1 (short) fixed HB	105-609	1.2m - 2m	Vert: 0.567 (U) 0.45 (D) frame, Hor: 0.188 (L) 0.188 (R) frame
1.16 - 1.49:1 zoom HB	109-236	3m - 15m	Vert: 0.408 (U) 0.408 (D) frame, Hor: 0.188 (L) 0.188 (R) frame
1.39 - 1.87:1 zoom HB	105-610	4m - 24m	Vert: 0.567 (U) 0.45 (D) frame, Hor: 0.188 (L) 0.188 (R) frame
1.87 - 2.56:1 zoom HB	105-611	4m - 24m	Vert: 0.567 (U) 0.45 (D) frame, Hor: 0.188 (L) 0.188 (R) frame
2.56 - 4.16:1 zoom HB	105-612	9.1m - 45m	Vert: 0.567 (U) 0.45 (D) frame, Hor: 0.188 (L) 0.188 (R) frame
4.16 - 6.96:1 zoom HB	105-613	12m - 80m	Vert: 0.567 (U) 0.45 (D) frame, Hor: 0.188 (L) 0.188 (R) frame
6.92 - 10.36:1 zoom HB	109-235	12m - 80m	Vert: 0.567 (U) 0.45 (D) frame, Hor: 0.188 (L) 0.188 (R) frame
1.50 - 2.17:1 zoom HB	114-143	5m - 25m	Vert: 0.237 (U) 0.237 (D) frame, Hor: 0.104 (L) 0.104 (R) frame
1.72 - 2.71:1 zoom HB	114-144	5m - 25m	Vert: 0.237 (U) 0.237 (D) frame, Hor: 0.104 (L) 0.104 (R) frame
2.15 - 3.36:1 zoom HB	114-145	5m - 25m	Vert: 0.237 (U) 0.237 (D) frame, Hor: 0.104 (L) 0.104 (R) frame

Lens Mount
Motorised and programmable shift, zoom and focus. Intelligent Lens Memory with 5 user-definable preset positions.

Mechanical Mounting	Orientation
Front/Rear Table Front/Rear Ceiling Adjustable Front/Rear Feet Rugged, staging tolerant chassis with integrated handles. Optional RapidRig™ frame with integrated pitch, roll and yaw adjustments.	Table Top or Inverted: Yes Pointing Up: Yes Pointing Down: Yes Roll (Portrait): Yes

Power Requirements	Power Consumption
100-240VAC 50/60Hz single phase	400W

Thermal Dissipation	Fan Noise
1365 BTU/Hour	TBD

Operating/Storage Temperature	Operating Humidity
Operating: 0 to 35C (32 to 95F) Storage: -10 to 50C (14 to 122F)	20 to 80% non-condensing

Weight (Chassis Only)	Dimensions
36 kg 79.4 lb	L: 72 cm (approx) W: 51 cm (approx) H: 23 cm (approx) L: 28.3 in (approx) W: 20 in (approx) H: 9.1 in (approx)

Safety & EMC Regulations

CE, FCC Class A, CCC

**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.*

Image not found

<http://www.digitalprojection.co.uk/digital-products/images/titanled-cad.jpg>

Downloads

[PDF CAD Drawings](#)

[AUTOCAD Drawings](#)

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