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Titan Laser 37000 WU



Brightness: 37,000 ISO / 33,000 ANSI | Contrast: 18,000:1 (Dynamic Black) / 2,000:1 Native | Part Number: 119-704



TECHNICAL CONFIGURATION

Brightness:	37,000 ISO / 33,000 ANSI
Contrast:	18,000:1 (Dynamic Black) / 2,000:1 Native
Colour System:	Laser Phosphor
Computer Compatability:	2D 4K-UHD upto 60Hz 3D Supported Formats will be displayed upto WUXGA
Mechanical Mounting:	Front/Rear Table Front/Rear Ceiling Adjustable Front/Rear Feet
Dimensions:	L: 969.3mm, W: 650mm, H: 397.3mm (Excl handles) L: 38.2in, W: 25.6in, H: 15.6in (Excl handles)
Bandwidth:	498 Mpixels/sec via DisplayPort and HDMI2.0.
Lamp Type:	Laser Light Source
Typical Lamp Life:	20,000 hours
Colour Temperature:	3200K to 9300K
HDTV Formats:	1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz) 1080i (50Hz, 60Hz) 720p (50Hz, 60Hz) 2K (24Hz, 25Hz, 30Hz, 50Hz, 60Hz)

	4K-UHD (24Hz, 25Hz, 30Hz, 50Hz, 60Hz)
Remote Control:	Addressable IR remote Control, Wireless and wired. On-Board keypad
Automation Control:	Crestron RoomView Connected LAN RS-232 AMX (Device Discovery) DMX Art-Net Served web pages (Projector status, Projector control, Crestron RoomView, Network settings, Alert mail setup, Time setup, Error log, On screen Display)
Temperature:	Operating: Full Power 0°C ~ 35°C (32°F ~95°F), ECO upto 40°C (104°F) Storage: -20°C ~ 60°C (-4°F ~ 140°F)
Operating Humidity:	Operating: 10% ~ 90% non-condensing Storage: 10% ~ 90% non-condensing
Fan Noise:	Normal Mode: 50dBA, Max 52dBA Eco Typ: 47dBA
Power Requirements:	200VAC to 230VAC, 50/60Hz single phase
Power Consumption:	Typical: 3100W , Maximum 3400
Thermal Dissipation:	Max 11430 BTU/Hour @ 200VAC
Safety:	UL, CB, CCC, KC, RoHS (CN), FCC Class A, FDA, CE, IEC EN 60825-1 Class 3R Laser Product, IEC EN 62471-5 Risk Group 3, WEEE (UK)
Product url:	https://www.axiondisplays.com/brands/digital-projection/projectors/titan/titan-laser-37000-wuxga/
3D Compatibility:	Sequential / 1080p @100Hz Sequential / 1080p @120Hz Sequential / WUXGA @100Hz (RB) Dual -Pipe / 1080p @ 50Hz Dual -Pipe / 1080p @ 60Hz Dual -Pipe / WUXGA @ 50Hz (RB) Dual -Pipe / WUXGA @ 60Hz
Source Compatibility:	2D Graphics standards up to 4K-UHD 3840x2160 resolution at 60Hz via HDMI 2.0, HDBaseT (4:2:0), DisplayPort inputs 3D Graphics standards up to dual-pipe WUXGA 120Hz via HDMI 1.4b inputs 3G-SDI is SMPTE 292M, SMPTE 259M-C and SMPTE 424M compliant.
Video Processing:	Video & Graphics Processing <ul style="list-style-type: none"> • Up to 60fps 4096 x 2160 pixels sequential input via single cable (Display Port 1.2) • 3D Capable • Scaling of HDMI 1.4 formats to fill the 4K display • Dark Time insertion capability • HDMI 1.4b up to 3840 x 2160 at 30 fps. • Dual Flash Processing can be used to multiply the displayed frame rate for 3D sources

(example 144Hz display).

- Synchronisation of active glasses or polarising switcher.

Color adjustments

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

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.

3D Functionality

- Full 4K 3D display capability
- Frame multiplication capability (2x, 3x) with interleaving of Left/Right repeated frames.
- Synchronisation of active glasses or polarising switcher.
- Adjustable Dark Time and Synch Offset for optimisation of ghosting and smooth greyscale for switching glasses and polarizers.

Projector Control

- Keypad.
- Wired remote control.
- Network control via RJ45 and protocol.
- Group Controller Application

Display Type:	3 x 0.96" WUXGA DMD™
Orientation:	Pointing Up: Yes Pointing Down: Yes Roll Portrait: Yes Tabletop Inverted: Yes
Lens Mount:	Motorised Shift, Zoom and Focus.(Lenses 0.67:1 & 1.12:1 have manual focus, shift is motorised) Intelligent Lens Memory with 10 user-definable pre-set positions for zoom lenses.
Weight:	kg: 95 lb: 209
DMD Specification:	Display capability upto WUXGA 2.3 megapixels pixels on screen at WUXGA Fast transit pixels for smooth greyscale and improved contrast. Display resolutions WUXGA (1920 x 1200)
Aspect Ratio:	WUXGA
Fill Factor:	87%

Inputs / Outputs

Input	Connector	Qty
DisplayPort 1.2 (2D)	DisplayPort	1
HDMI 1.4b (3D)	HDMI	2
HDMI 2.0b (2D)	HDMI	2
3G-SDI in (2D)	BNC	1
3G-SDI out	BNC	1
HDBaseT/LAN (2D)	RJ45	1

Communication and Control

Connection	Connector	Qty
3D Sync In	BNC	1
3D Sync Out	BNC	1
LAN	RJ45	2
RS-232	9-pin D-Sub	1
Wired Remote	3.5mm Stereo Jack	1
12V Trigger	3.5mm Stereo Jack	2
3D Sync IR Out	BNC	1

Available Lenses

Lens Name	Part #	Focus Range	Lens Shift
0.37:1 (Right Angled)	120-510	1.6m - 4.9m	Vert: 0.6 (U) 0.6 (D) frame, Hor: 0.31 (L) 0.31 (R) frame
0.65-0.85:1 (Right Angled)	120-511	2.8m - 8.4m	Vert: 0.51 (U) 0.51 (D) frame, Hor: 0.24 (L) 0.24 (R) frame
0.8-1.16:1 (Includes support bracket)	120-827	1.7m - 11m	Vert: 0.4 (U) 0.4 (D) frame, Hor: 0.19 (L) 0.19 (R) frame
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 (short) fixed HB	105-608	3m - 15m	Vert: 0.567 (U) 0.567 (D) frame, Hor: 0.273 (L) 0.273 (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: 0.273 (L) 0.273 (R) frame
1.87 - 2.56:1 zoom HB	105-611	4m - 24m	Vert: 0.567 (U) 0.45 (D) frame, Hor: 0.273 (L) 0.273 (R) frame
2.56 - 4.16:1 zoom HB	105-612	9.1m - 45m	Vert: 0.567 (U) 0.45 (D) frame, Hor: 0.273 (L) 0.273 (R) frame
4.16 - 6.96:1 zoom HB	105-613	12m - 80m	Vert: 0.567 (U) 0.45 (D) frame, Hor: 0.273 (L) 0.273 (R) frame
6.92 - 10.36:1 zoom HB	109-235	12m - 80m	Vert: 0.567 (U) 0.45 (D) frame, Hor: 0.273 (L) 0.273 (R) frame

CONTACT US FOR A QUOTE

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Specifications are subject to change without notice. All values are typical.

Actual product appearance, colors, and features may vary.