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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

Display Type:	3 x 0.96" WUXGA DMD™
DMD Specification:	Display-Kapazität bis zu 4K-UHD 8,3 Megapixel auf dem Bildschirm bei 4K-UHD Pixel mit schnellen Transitzeiten für kantenlose Graustufen und verbesserten Kontrast. Display-Auflösungen 4K-UHD (3840 x 2160)
Aspect Ratio:	WUXGA
Fill Factor:	87%
Colour System:	Laser Phosphor
Colour Temperature:	3.200K bis 9.300K
Illumination type:	Laserlichtquelle
Illumination life:	20.000 Stunden
Video Processing:	**Video & Graphics Processing** • 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
Source Compatibility:	2D-Grafikstandards bis zu 4K-UHD-Auflösung von 3840x2160 bei 60 Hz über HDMI 2.0, HDBaseT (4:2:0), DisplayPort-Eingänge 3D-Grafikstandards bis zu Dual-Pipe WUXGA 120 Hz über HDMI 1.4b-Eingänge 3G-SDI ist mit SMPTE 292M, SMPTE 259M-C und SMPTE 424M konform.
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)
Computer Compatibility:	2D 4K-UHD bis zu 60 Hz 3D-unterstützte Formate werden innerhalb von WUXGA angezeigt
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
Lens Control:	Motorisierte und programmierbare Verstellung, Zoom und Fokus. Die Objektive 0,67:1 und 1,12:1 haben einen manuellen Fokus und einen motorischen Shift Intelligenter Linsenspeicher mit 10 benutzerdefinierbaren, voreingestellten Positionen (zoomes lens/mit Ausnahme der UST-Linse).
Mechanical Mounting:	Vorderer/hinterer TischVordere/hintere DeckeVerstellbare vordere/hintere Füße
Orientation:	Pointing Up: Ja Pointing Down: Ja Roll Portrait: Ja

	Tabletop Inverted: Ja
Dimensions:	L: 969.3mm, W: 650mm, H: 397.3mm (Excl handles)L: 38.2in, W: 25.6in, H: 15.6in (Excl handles)
Weight:	95 kg (209 lb)
Remote Control:	Ansteuerbare IR-Fernbedienung, per Kabel oder drahtlos. Bord-Tastatur
Automation Control:	Crestron RoomView Verbundene LAN RS-232 AMX (Geräteerkennung) DMX Art-Net Bereitgestellte Webseiten (Projektorstatus, Projektorsteuerung, Crestron RoomView, Netzwerkeinstellungen, Einrichtung von E-Mail-Benachrichtigungen, Zeiteinrichtung, Fehlerprotokoll, On-Screen-Display)
Power Requirements:	200 VAC und 230 VAC, 50/60 Hz einphasig
Power Consumption:	Typisch: 3100 W, Maximale 3400 W
Thermal Dissipation:	Max 11430 BTU/Hour @ 200VAC
Fan Noise:	Typ: 50 dBA, Max 52 dBA Eco Typ: 47 dBA
Temperature:	Betrieb: Volle Leistung 0 °C ~ 35 °C (32 °F ~95 °F), ECO bis zu 40 °C (104 °F) Speicher: -20 °C ~ 60 °C (-4 °F ~ 140 °F)
Operating Humidity:	Betrieb: 10 % ~ 90 % nicht kondensierend Speicher: 10 % ~ 90 % nicht kondensierend
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/
Bandwidth:	498 Megapixel/Sek. über DisplayPort und HDMI2.0.

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

Connection	Connector	Qty
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	V-Shift	H-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	

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Specifications are subject to change without notice. All values are typical. Actual product appearance, colors, and features may vary.