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Titan Luma 37000 WUXGA



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



TECHNICAL CONFIGURATION

Brightness:	37,000 ISO / 33,000 ANSI
Contrast:	18,000:1 (Dynamic Black) / 2,000:1 Native
Colour System:	Laser Phosphor & Red Laser
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: 760mm, W: 525mm, H: 318mm (Excl handles) L: 38.2in, W: 25.6in, H: 15.6in (Excl handles)
Bandwidth:	TBC
Lamp Type:	Laser Light Source
Typical Lamp Life:	20,000 hours
Colour Temperature:	TBC
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:	TBC
Operating Humidity:	Operating: 10% ~ 90% non-condensing Storage: 10% ~ 90% non-condensing
Fan Noise:	Normal Mode: 49dBA, Max 51dBA Eco Typ: 46dBA
Power Requirements:	200VAC to 240VAC, 50/60Hz single phase
Power Consumption:	Typical: 2400W , Maximum 2250W
Thermal Dissipation:	TBC
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-luma-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"> • HDMI 2.0 compliance for Side by Side, Frame Packing, Frame Sequential and TopBottom 3D Formats. • DisplayPort 1.2 with HDCP 2.2 compliance. • 10-bit colour processing (30-bits per pixel). • Support for 1080p 24Hz native display. • Support for 4K 4096 x 2160 resolution. Output will be scaled to WUXGA • HDR support

- Input source automatically detected.
- Input redundancy mode with auto switching.
- Dual Pipe Processing: Two sources in parallel for Left and Right eyes.
- Synchronisation of active 3D glasses or polarising switcher.
- DICOM simulation mode.
- Sealed light engine

General Features

- Constant Brightness control
- Multi Projector brightness and colour control.
- Compatible with selected 3rd party lenses via lens converter
- Selectable EDID
- Custom Start-up Logo
- Smear Reduction (fast frame) (2D Only)
- Electronic PIC MUTE with selectable fade in/out timers
- On board 4 -line LCD display for at a glance status

Geometry Correction

- Vertical & Horizontal Keystone correction.
- Four Corner adjustment.
- Rotation.
- Pin/Barrel.
- Wall Corner adjustment.
- Centre Shift (Horizontal and Vertical linearity adjustment).
- Custom Warp.
- Upload of maps for warp, blend, uniformity and masking.
- Selectable aspect ratios: 5:4 / 4:3 / 16:10 / 16:9 / 1.88 / 2.35 / TheaterScope / Source / Unscaled.
- Digital Zoom.
- Blanking control for custom input window sizing.

Edge Blending

- Blending control available for all sides with width control.
- Correction for non-active pixels at the edge of the display.
- Electronic Black Level Compensation.
- Upload of Blend Maps including Blend, Uniformity, Masking, Pixel by Pixel

HDBaseT® Interface

- Built in support for reception of uncompressed High Definition Video over standard CAT5e/6 LAN cable
- Allows projector to be placed up to 100m from source with low cost cabling
- Supports up to 4K 4096 x 2160@60Hz 4:2:0 or 4K 4096 x 2160@30Hz 4:2:2
- Includes Ethernet 100BaseT and RS232/IR control.

Colour Processing

- Four colour modes available
- Powerful seven point colour correction for accurate colour matching with presets.
- Easy colour temperature selection

- Manual seven point colour adjustment
- Traditional 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

Projector Automation

- Real-time clock provides daily on/off automation
- E-mail alerts for system status

Installation

- 4 x eye bolts fitted for easy rigging.
- 4 x top stacking mounts and mount securing pins supplied as standard accessories.

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. Intelligent Lens Memory with 10 user-definable pre-set positions for zoom lenses.
Weight:	kg: 54.5 lb: 120.1
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 1.2a (2D)	DisplayPort	2
HDMI 2.0b	HDMI	2
12G-SDI in	BNC	1
12G-SDI out	BNC	1
HDBaseT/LAN	RJ45	1

Communication and Control

Connection	Connector	Qty
3D SYNC IN	BNC	1
3D Sync Out	BNC	1
LAN	RJ45	1
RS-232	9-pin D-Sub	1
Wired Remote	3.5mm Stereo Jack	1
12V Trigger	3.5mm Stereo Jack	1
3D Sync IR Out	BNC	1
USB 5V 2A	Type A	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.