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Titan 47000 WU (Préliminaire)

Brightness: 47,000 ISO / 42,000 ANSI | Contrast: 18,000:1 (Dynamic Black) | Part Number: 121-653



TECHNICAL CONFIGURATION

Prodname:	Titan 47000 WU (Préliminaire)
Brightness:	47,000 ISO / 42,000 ANSI
Contrast:	18 000:1 (noir dynamique) / 2 000:1 natif
Colour System:	Laser Phosphor with ColorBoost (Red Laser)
Computer Compatability:	2D 4K-UHD jusqu'à 60Hz (Output will be sclaed to WUXGA) 3D Les formats supportés seront affichés en WUXGA
Mechanical Mounting:	Front/Rear Tabletop Front/Rear Ceiling Mount compatible chassis with four M10 × 1.5 mounting holes, max. screw length 30 mm
Dimensions:	L×W×H (without handles): 840 mm × 650 mm × 381 mm L×W×H (without handles): 33.1 in × 25.6 in × 15.0 in
Lamp Type:	Laser Phosphor
Typical Lamp Life:	20,000 hours to 50% of initial brightness
Colour Temperature:	User selectable (3200 K / 5400 K / 6500 K / 7500 K / 9300 K / Native)
HDTV Formats:	1080p (23.98Hz, 24Hz, 25Hz, 29.97Hz, 30Hz, 50Hz, 59.94Hz, 60Hz).1080i (50Hz, 59.94Hz, 60Hz).720p (50Hz, 59.94Hz, 60Hz).4K-UHD (23.97Hz, 24Hz, 25Hz, 29.97Hz, 30Hz, 50Hz, 60Hz) (Output will be scaled to WUXGA)
Remote Control:	Addressable Infrared/Wired Remote Control Unit
Automation Control:	Web-based LAN control

	RS-232 Email alerts LAN Control - Crestron® Roomview™ LAN Control - Crestron® eControl LAN Control - PJ Link compatible LAN Control - AMX® SSDP LAN to RS-232 (RS-232 by Telnet) Concurrence Control for RS-232/LAN Art-Net (DMX) control Scheduled On and Off times
Temperature:	Operating: 0 to 40 °C (32 to 104 °F)
Operating Humidity:	10-90% (with maximum temperature of 35 °C (95 °F); non-condensing)
Fan Noise:	Normal mode: 50 dBA typical Eco mode: 48 dBA typical
Power Requirements:	110-240 VAC, 22 A, 50/60 Hz, single phase
Power Consumption:	At 230 VAC - Typical 3450 W, Max 3800 W in Normal mode
Thermal Dissipation:	At 230 VAC - Max 14160 BTU/h in Normal mode
Safety:	TBC
Spec Version:	26B-2.0.0-4
Approved By:	4
Product url:	https://www.axiondisplays.com/brands/digital-projection/projectors/titan/titan-laser-47000-wuxga/
Lens included:	No
Standby power:	1 W
Storage temperature:	-20 to 60 °C (-4 to 140 °F)
Display resolution:	1920 × 1200
Key features:	• NEXUS Electronics Platform • IP6X Dust-proofing • Source Redundancy • Flexible Geometry Adjustments • Art-Net Support • Intelligent Lens Memory • MultiAxis Orientation • Constant Brightness • Built-in Edge Blending with black level correction • 24/7 Operation • ColorBoost+Red Laser
Source Compatibility:	2D Graphics standards up to 4K-UHD 3840 × 2160 resolution at 60Hz via HDMI 2.0b, HDBaseT (4:2:0), DisplayPort inputs 3D Graphics standards up to dual-pipe WUXGA 60Hz for input (120Hz output) via HDMI 2.0 and DisplayPort inputs 12G-SDI is SMPTE 259M, 292M, 424M and ST-2082 compliant.

WUXGA mode

2D sources up to WUXGA 60Hz and 4K-UHD 60Hz can be displayed scaled to fit WUXGA

3D sources up to WUXGA 60Hz Input 120Hz output can be displayed scaled to fit WUXGA

Auto Mode

Sources greater than WUXGA will be displayed scaled to fit WUXGA

Video Processing:

ColorBoost+Red Laser

• Uses red laser diodes for increased colour fidelity and highly accurate colours

Video & Graphics Processing

• HDMI 2.0 (HDCP 2.2)
• DisplayPort 1.2
• 10-bit colour processing (30 bits per pixel).
• Support for 1080p 24Hz native display.
• Support for 4K 4096 × 2160 resolution.
• HDR support
• Input source automatically detected.
• Input redundancy mode with auto switching.
• 3D Formats: Side by Side, Frame Packing, Frame Sequential and TopBottom.
• Dual Pipe Processing: Two sources in parallel for Left and Right eyes.
• Syncronisation of active 3D glasses or polarising switcher.
• DICOM simulation mode.

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 100 m from source with low cost cabling • Supports up to 4K 4096 × 2160@60Hz 4:2:0 or 4K 4096 × 2160@30Hz 4:2:2 • Includes Ethernet 100BaseT and RS-232/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 × eye bolts fitted for easy rigging. • 4 × top stacking mounts and mount securing pins supplied as standard accessories.
Display Type:	3 × 0.96" DMD™
Orientation:	Pointing Up: Oui Pointing Down: Oui Roll Portrait: Oui Tabletop Inverted: Oui
Lens Mount:	Motorised and programmable lens shift, zoom and focus. Intelligent Lens Memory with 10 user-definable preset positions (not available with the UST lens).
Weight:	88 kg (194 lb)
DMD Specification:	1920 × 1200 pixels native display Fast transit pixels for smooth greyscale and improved contrast
Aspect Ratio:	16:10
Fill Factor:	87%

Inputs / Outputs

Input	Connector	Qty
DisplayPort 1.2 (2D)	DisplayPort	2
HDMI 2.0b	HDMI	2

Input	Connector	Qty
12G-SDI IN	BNC	1
12G-SDI OUT (loop through)	BNC	1
HDBaseT/LAN	RJ45	1

Communication and Control

Connection	Connector	Qty
3D SYNC IN	BNC	1
3D Sync Out (loop through)	BNC	1
3D Sync Out for IR	BNC	1
LAN / Art-Net	RJ45	1
RS-232	9-pin D-Sub	1
Wired Remote In	3.5mm Stereo Jack	1
Wired Remote Out	3.5mm Stereo Jack	1
12V Trigger	3.5mm Stereo Jack	1
USB 5V 2A	Type A	1

Available Lenses

Lens Name	Part #	Focus Range	V-Shift	H-Shift
Lens Titan 0.37:1	120-510	1.6 - 4.9 m	WUXGA: 60% (up); 60% (down); 4K-UHD: 78% (up); 60% (down)	WUXGA: 31% (left); 31% (right); 4K-UHD: 33% (left); 33% (right)
Lens Titan 0.65 - 0.85:1	120-511	2.8 - 8.4 m	WUXGA: 51% (up); 51% (down); 4K-UHD: 62% (up); 51% (down)	WUXGA: 24% (left); 24% (right); 4K-UHD: 25% (left); 25% (right)
Lens Titan 0.67:1	105-607	1.1 - 3.2 m	WUXGA: 10.8% (up); 10.8% (down)	WUXGA: 4.4% (left); 4.4% (right)
Lens Titan 0.8 - 1.16:1	120-512	1.7 - 11.0 m	WUXGA: 40% (up); 40% (down); 4K-UHD: 51% (up); 40% (down)	WUXGA: 19% (left); 19% (right); 4K-UHD: 20% (left); 20% (right)
Lens Titan 1.12:1	105-608	3 - 15 m	WUXGA: 56.7% (up); 45.0% (down)	WUXGA: 27.3% (left); 27.3% (right)
Lens Titan 1.16 - 1.49:1	109-236	3 - 15 m	WUXGA: 40% (up); 40% (down); 4K-UHD: 50% (up); 40% (down)	WUXGA: 19% (left); 19% (right); 4K-UHD: 20% (left); 20% (right)
Lens Titan 1.39 - 1.87:1	105-610	4 - 24 m	WUXGA: 56.7% (up); 45.0% (down); 4K-UHD: 68.0% (up); 45.0% (down)	WUXGA: 27.3% (left); 27.3% (right); 4K-UHD: 28.0% (left); 28.0% (right)
Lens Titan 1.87 - 2.56:1	105-611	4 - 24 m	56.7% (up); 45.0% (down)	27.3% (left); 27.3% (right)
Lens Titan 2.56 - 4.16:1	105-612	9.1 - 45.0 m	WUXGA: 56.7% (up); 45.0% (down); 4K-UHD: 68.0% (up); 45.0% (down)	WUXGA: 27.3% (left); 27.3% (right); 4K-UHD: 28.0% (left); 28.0% (right)
Lens Titan 4.16 - 6.96:1	105-613	12 - 18 m	WUXGA: 56.7% (up); 45.0% (down); 4K-UHD: 68.0% (up); 45.0% (down)	WUXGA: 27.3% (left); 27.3% (right); 4K-UHD: 28.0% (left); 28.0% (right)

Lens Name	Part #	Focus Range	V-Shift	H-Shift
Lens Titan 6.92 - 10.36:1	109-235	12 - 80 m	WUXGA: 56.7% (up); 45.0% (down); 4K-UHD: 68.0% (up); 45.0% (down)	WUXGA: 27.3% (left); 27.3% (right); 4K-UHD: 28.0% (left); 28.0% (right)