

Digital Projection TITAN 41000 4K-UHD Laser Phosphor Projector / 4K-UHD / 41000 Lumens / Sealed Optics / 18000:1

Colour System	Laser Phosphor with ColorBoost+Red Laser
Display Type	3 x 0.96" WUXGA DMD
DMD Specification	Display capability up to 4K-UHD 8.3 megapixels on screen fast transit pixels
Aspect Ratio	16:9
Fill Factor	N/A as Smooth Picture DMD
HDMI 2.0 compliance	Side by Side / Frame Packing / Frame Sequential / TopBottom 3D
DisplayPort	1.2 with HDCP 2.2
Colour Processing	10-bit colour processing 30-bits per pixel
Frame Rate Support	1080p 24Hz native 4K 4096x2160 support
HDR	HDR support
Input Source Detection	Automatic
Input Redundancy	Auto switching
Dual Pipe Processing	Two sources parallel for Left and Right eyes
3D Synchronisation	Active 3D glasses or polarising switcher
DICOM	Simulation mode
Sealed Light Engine	Yes
Constant Brightness	Control enabled
Multi Projector Control	Brightness and colour control
Lens Compatibility	Selected 3rd party lenses via lens converter
Selectable EDID	Yes
Custom Start-up Logo	Yes
Smear Reduction	Fast frame 2D only
Electronic PIC MUTE	Selectable fade in/out timers
On-board Display	4-line LCD
Geometry Correction	Keystone / Four Corner / Rotation / Pin/Barrel / Wall Corner / Centre Shift / Custom Warp
Aspect Ratios	5:4 / 4:3 / 16:10 / 16:9 / 1.88 / 2.35 / TheaterScope / Source / Unscaled
Edge Blending	All sides width control upload blend maps
HDBaseT Interface	Uncompressed HD video over CAT5e/6 up to 100m
HDBaseT Resolutions	Up to 4K 4096x2160@60Hz 4:2:0 or 4K@30Hz 4:2:2
Colour Modes	Four modes seven point colour correction
Projector Controller Software	Network control user groups status monitoring
Projector Automation	Real-time clock on/off automation email alerts

Rigging	4 eye bolts top stacking mounts securing pins
Source Compatibility	2D up to 4K-UHD 3840x2160@60Hz HDMI2.0b HDBaseT 4:2:0 DisplayPort
WUXGA Mode	2D up to WUXGA60Hz and 4K-UHD60Hz scaled to fit WUXGA
4K-UHD Mode	2D up to 4K 4096x2160 displayed scaled to 4K-UHD
Auto Mode	Sources greater than WUXGA scaled to 4K-UHD
Inputs DisplayPort	2
Inputs HDMI	2
12G-SDI In	1
12G-SDI Out	1
HDBaseT/LAN	1 RJ45
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	Type A 5V 2A 1
3D Formats Supported	Sequential 1080P/WUXGA@100Hz 120Hz Dual-Pipe 1080P/WUXGA@60Hz per eye
HDTV Formats Supported	1080p/1080i/720p 4K-UHD various frame rates
Computer Compatibility	2D 4K-UHD up to 60Hz
Bandwidth	18Gb/s HDMI
Remote Control	Addressable IR wireless wired on-board keypad
Automation Control	LAN RS-232 email alerts web control Crestron PJ Link AMX SSDP
Colour Temperature	3200K to 9300K
Illumination Type	Laser Light Source
Typical Illumination Life	20000 Hours Normal 40000 Hours ECO
Lens Options	Multiple zoom and fixed lenses part numbers listed
Lens Mount	Motorised Shift Zoom Focus intelligent lens memory
Mechanical Mounting	Front/Rear Table Front/Rear Ceiling adjustable feet
Orientation	Table Top Inverted Pointing Up Pointing Down Roll Portrait
Power Requirements	110-130Vac 50-60Hz 180-240Vac 50-60Hz single phase
Power Consumption	230V Typical 3650W Maximum 4000W
Thermal Dissipation	Max 14160.38 BTU/hr @200VAC Max 3685 BTU/hr @110VAC

Fan Noise	Max 54 dBA Eco Typ 53 dBA
Operating Temperature	Full Power 0C to 35C ECO up to 40C
Storage Temperature	-20C to 60C
Operating Humidity	10% to 90% non-condensing
Weight	88 kg without lens / 194 lbs without lens
Dimensions	L 840mm W 650mm H 381mm
Safety & EMC Regulations	TBC
Accessories	Infrared Remote Control replacement 118-678