

# Digital Projection TITAN 1080p Quad 2000-3D Projector/20000 Lumens/2000x1/1080p

## Source Compatibility:

- 3GSDI is SMPTE 292M, SMPTE 259M-C and SMPTE 424M compliant.
- HDMI and DVI include Deep Color™ processing up to 36 bit.
- DVI inputs are HDMI compatible.
- Digital Audio Extraction via SPDIF for HDMI sources.
- Graphics standards up to 1920 x 1200 at 60Hz via DVI or VGA.
- Component Video (SD and HD) via YPrPb, RGB or RGBS.
- S-Video (PAL, NTSC & SECAM)
- Composite Video (PAL, NTSC & SECAM)
- High Bandwidth, Pixel Mapped Path:
  - Dual DVI accepts graphics standards up to 1920 x 1200 at 120Hz.
  - HDMI 1.4 including 3D Standards
  - Dual Pipe (2 x DVI)

## Inputs/Outputs

### Video & Computer

Type	Connector	Qty
DVI-D / DVI-A	DVI-I	1
HDMI 1.3	HDMI	1
3G-SDI	BNC	1
VGA / Analog RGB	15-pin D-Sub	1
Component Video	4 x BNC	1
S-Video	4-pin Mini DIN	1
Composite Video	RCA	1
Composite Video	BNC	1
High Bandwidth Ports		
Main - Dual Link DVI-D	DVI-I	1
Sub - HDMI 1.4	DVI-I	1
Audio		
SPDIF Digital Output	RCA	1

### Communication & Control:

Type	Connector	Qty
3D Sync Out	BNC	1
3D Sync In	BNC	1
LAN	RJ45	1
RS232	9-pin D Sub	1
Wired Remote In	3.5mm Stereo Jack	1
Wired Remote Out	3.5mm Stereo Jack	1
Update Port	RJ45	1
Service Port	USB Type B	1

### 3D Formats Supported

- Frame Packing
- Dual Pipe
- Frame Sequential
- Side By Side (half)
- Top and Bottom

**HDTV Formats Supported** 1080p (23.98Hz, 24Hz, 25Hz, 29.97Hz, 30Hz, 50Hz, 59.94Hz, 60Hz), 1080i (50Hz, 59.94Hz, 60Hz), 1080sf (23.98Hz, 24Hz), 720p (50Hz, 59.94Hz, 60Hz)

**Computer Compatibility** Up to 1920 x 1200

### Bandwidth

- 170 MHz on analog RGB

- 165 Megapixels per second on HDMI and DVI
- 297 Megapixels per second on Dual Link DVI

### Remote Control

- Addressable IR remote control, wireless and wired with
- loop-through.
- On-Board invertable keypad

### Automation Control

- RS232
- LAN

**Colour Temperature** User selectable from 3200 to 9000K

**Lamp Type** 4 x 465W High Intensity Discharge

### Typical Lamp Life

- Full Power: 1000 hours (up to 4000 hours in lamp sequential mode)
- Eco Mode : 1500 hours (up to 6000 hours in lamp sequential mode)

### Lenses

Lens	Part No.	Focus Range	Lens Shift
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 fixed HB	105-608	3m - 15m	Vert: 0.567 (U) 0.45 (D) frame, Hor: 0.188 (L) 0.188 (R) frame
1.12:1 (short) fixed HB	105-609	1.2m - 2m	Vert: 0.567 (U) 0.45 (D) frame, Hor: 0.188 (L) 0.188 (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: 0.188 (L) 0.188 (R) frame
1.87 - 2.56:1 zoom HB	105-611	4m - 24m	Vert: 0.567 (U) 0.45 (D) frame, Hor: 0.188 (L) 0.188 (R) frame
2.56 - 4.16:1 zoom HB	105-612	9.1m - 45m	Vert: 0.567 (U) 0.45 (D) frame, Hor: 0.188 (L) 0.188 (R) frame
4.16 - 6.96:1 zoom HB	105-613	12m - 80m	Vert: 0.567 (U) 0.45 (D) frame, Hor: 0.188 (L) 0.188 (R) frame
6.92 - 10.36:1 zoom HB	109-235	12m - 80m	Vert: 0.567 (U) 0.45 (D) frame, Hor: 0.188 (L) 0.188 (R) frame

**Lens Mount** Motorised and programmable shift, zoom and focus. Intelligent Lens Memory with 5 user-definable preset positions.

### Mechanical Mounting

- Front/Rear Table
- Front/Rear Ceiling
- Adjustable Front/Rear Feet
- Rugged, staging tolerant chassis with integrated handles.
- Optional RapidRig™ frame with integrated pitch, roll and yaw adjustments.

**Power Requirements** 200-240VAC 50/60Hz single phase

**Power Consumption** 2400W

**Thermal Dissipation** 8191 BTU/Hour

**Fan Noise** 48 dBA

### Operating/Storage Temperature

- Operating: 0 to 40C (32 to 104F)
- Storage: -10 to 50C (14 to 122F)

**Operating Humidity** 20 to 80% non-condensing

**Weight (Chassis Only)** 39 kg / 86.0 lb

### Dimensions

- L: 68.8 cm W: 58.5 cm H: 25.8 cm
- L: 27.1 in W: 23.1 in H: 10.2 in

**Safety & EMC Regulations** CE, FCC Class A, CCC, KC

