



PERFORMANCE SPECIFICATIONS

Brightness ($\pm 10\%$)
2000 ANSI Lumens

Contrast Ratio ($\pm 10\%$)
5000:1

Display Type
3 x .95" Dark Metal 1080p DMD™ with Fast Transit Pixels for smooth greyscale and improved contrast

DMD Specification
1920 x 1080 pixels native, 12° tilt angle

Fill Factor
87%

Sealed Optics at DMD™ Interface
Protects DMD's™ from optical contamination

Source Compatibility

- Composite, s-video, and color difference video standards
- RGB graphics standards up to 1920 x 1080
- DVI standards
- High definition RGB and color difference standards
- High definition / standard definition serial digital formats (SD/HD-SDI)

Video Processing

- Enhanced 7 point color correction
- Xenon Color Mode - User selectable yellow notch filter and xenon-color mode processing, enable the projector to closely replicate xenon lamp spectral performance.
- Class leading Video de-interlacing/processing of SD and HD sources using auto 3:2 and 2:2 extraction, ruggedized for editing discontinuities
- Pixel-based motion adaptive interpolation
- User selectable preset, parametric de-gamma and user downloadable de-gamma
- Frame Delay: as low as 1 frame, source dependant
- Auto mode selection - plug and play setup

Network Connection
LAN via RJ 45, Wireless 802.11b, full protocol feature set

Lamp Type
High Intensity Discharge (HID) module

Lamp Life (typical)¹
1500 hours

Lens Mount
Motorized horizontal and vertical lens shift, zoom and focus

Lens Shift (maximum)
Fixed 1.12 and Zoom Lenses:
Vert: ± 0.7 frame; Hor: ± 0.39 frame
0.67 Fixed lens:
Vert: ± 0.18 frame; Hor: ± 0.06 frame

Lens Options

0.67	:1 fixed
1.12	:1 fixed (1.2 - 2.0m throw)
1.12	:1 fixed (3.0-15.0m throw)
1.39-1.87	:1 zoom
1.87-2.56	:1 zoom
2.56-4.16	:1 zoom
4.05-6.46	:1 zoom

• Lenses include manual aperture

Mechanical Mounting
Front or rear table
Front or rear ceiling (ceiling mount optional)
Integrated Handles

Dimensions (including feet)
21.2in(L) x 19.8in(W) x 10.7in(H)
538mm(L) x 503mm(W) x 271mm(H)

Weight (chassis only)
59.5 lbs (27 kg)

Digital Projection International (DPI), Texas Instruments' first DLP™ partner and the original innovator of the 3-chip DLP™ projector, proudly introduces our newest native 1080p Home Cinema display, the TITAN 1080p-250.

Weighing in at just 59.5 lbs. (27 kg.), the 3-chip DLP™ TITAN 1080p-250 employs the latest in DPI's illumination, optics and electronics technology. Delivering up to 2,000 ANSI lumens and a stunning 5000:1 contrast ratio, the TITAN 1080p-250 is perfect for home cinemas with screens up to 18' wide. Dark Chip technology by Texas Instruments assures the broad gamut of deeply saturated colors that only a 3-chip DLP display can produce.

Other key benefits of the TITAN 1080p-250 include:

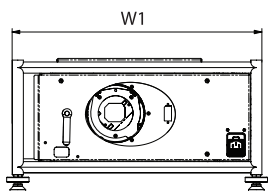
- Seven Point Colorimetry - providing expanded color gamut and precise color alignment for the advanced installer
- User selectable Xenon color mode - enables the projector to closely replicate the spectral performance of a Xenon lamp
- Wide range of lenses, with manual aperture to optimize projector contrast / lumens for the venue. All zoom lenses include extensive horizontal and vertical lens shift capability
- Ultra quiet - less than 35dBA - audibly invisible in most entertainment venues
- Sealed optics - protects the DMD's and other focal plane components from airborne contaminants
- Class leading, next generation electronics, with seven user-selectable inputs, including HDCP compliant DVI and HD/SD-SDI
- Single High Intensity Discharge (HID) lamp with a typical life of 1500 hours and low cost of replacement

With its native 1080p resolution, extensive source compatibility and the proven reliability of DLP technology, the TITAN 1080p-250 is an unmatched imaging tool for creating absolute jaw-dropping home cinema and media experiences.

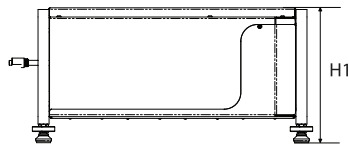
The TITAN 1080p-250, a highly engineered and precisely crafted 3-chip DLP™ display - bringing the exclusive beauty of Digital Projection - to the most inspired home venues.

INPUT CAPABILITIES

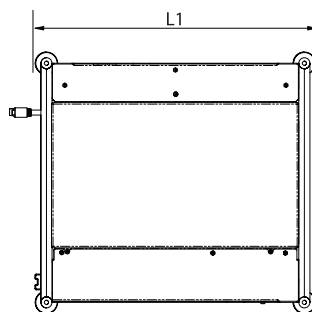
Type	Connector	Quantity
Composite	BNC	1
S-Video	4-pin mini DIN	1
Component		
Interlaced/Std def Y, Cr/Pr, Cb/Pb, S	BNCx4	1
Graphics		
Progressive RGB/Progressive Interlaced		
Hi def Y, Cr/Pr, Cb/Pb	BNCx5	1
RGBHV (Progressive)	D sub (15-pin)	1
Digital RGB	DVI	1
Serial Digital		
SD/HD SDI (SMPTE 259M/292M)	BNC	1



Projector dimensions (in)
L1 21.2 W1 19.8 H1 10.7



Projector dimensions (mm)
L1 538 W1 503 H1 271



TITAN 1080p-250 side view

ADVANCED TECHNICAL SPECIFICATIONS

PARAMETER	
Native Color Temperature	6500°K ±1000°K; white balance-adjustment: 3000°K to 10000°K User selectable Xenon-like colorimetry using dynamic optical and electronic enhancement.
HDTV Formats Supported	1080i (50Hz, 60Hz), 1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz), 1080 24sf, 720p (50, 60Hz), 480i, 480p
Scan Rates Supported	Horizontal: 15kHz to 100kHz / Vertical: 24Hz to 85Hz
Remote Control	Addressable IR remote control, wireless and wired with loop-through On board invertable keypad
Automation Control	LAN connection via RJ45 (ASCII Protocol) / RS232 9-pin D type (Hex Protocol)
Operating/Storage Temperature	Operating: 0 to 40°C / Storage: -10 to 50°C
Operating Humidity	20 to 80% non-condensing
Thermal Dissipation	1733 BTU
Fan Noise	Less than 35 dBA
Power Requirements	100-240 VAC ±10%, 50/60Hz single phase
Power Consumption	500 Watts

PROJECTOR	PART NO.	LENSES	PART NO.	ACCESSORIES	PART NO.
TITAN 1080p-250	106-242	0.67	:1 fixed 105-607	Replacement lamp	102-246
		1.12	:1 fixed 105-609 1.2-2.0m throw	Rigging Frame	104-923
		1.12	:1 fixed 105-608 3-15m throw	Ceiling mount	105-021
		1.39-1.87	:1 zoom 105-610	Infrared remote (replacement)	105-023
		1.87-2.56	:1 zoom 105-611		
		2.56-4.16	:1 zoom 105-612		
		4.05-6.46	:1 zoom 105-613		