

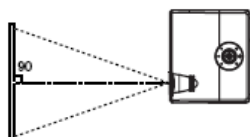
Toshiba TDP-T9U Mobile Projector Specifications

Model	TDP-T9U	
Display Technology	Shape No. of Pixels	0.55" DMD DLP 786,432 (1024 x 768)
Projection Lens	Standard Lens F/f (mm)	1.1x manual zoom/manual focus F = 2.7 - 3.0, f = 21.81 - 23.77mm
Throw Ratio		1.93 - 2.13:1
Lamp		200W (180W in low mode)
Brightness		2000 ANSI lumens
Native Resolution		XGA 1024 x 768
Color Reproduction		Full 16.7 Million Colors
Contrast Ratio		2000:1
Projection Screen Size (Diagonal)		35" - 254"
Projection Distance		4.5 ft - 36.1 ft
Compatible Scanning Frequency	Horizontal (kHz) Vertical (Hz)	31.35 - 80kHz 56 - 85Hz
Input Terminals	Video Audio RGB	1 x Composite, 1x S-Video 1x stereo mini-jack 1 x D-sub 15-pin terminal
Input Signal Format	Video Color Difference RGB	NTSC, PAL, SECAM HDTV/DTV (1080i/720p/576p/576i/480p/480i) VGA, SVGA, XGA (true), SXGA (compressed), MAC
Output Terminals	Audio RGB	1x stereo mini-jack 1x D-sub 15-pin output terminal
Digital Keystone Correction		Vertical +/- 15° with manual operation
Noise Level		34dB (31dB in low mode)
Internal Speaker		2.0W Monaural
PC Interface		1 x RS232C
External Dimensions (WxDxH)		9.1" x 8.3" x 3.7"
Weight		4.4 lbs.
Power Consumption		275W
Power Source		100-240V, 50/60Hz
Replacement Lamp		TLP-LV6
Box Contents	Remote Control with Laser Pointer Mouse Remote Control Receiver Battery for Remote Control Power Cord RGB Cable CD-ROM User's Manual Soft Carrying Case	

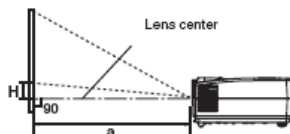
Projection Distance and Size

Use the figures, tables, and formulas below to determine the projection size and projection distance. (Projection sizes are approximate values for full-size picture with no keystone adjustment.)

Screen As seen from above



As seen from the side



$$a \text{ (min length)} = \frac{\text{projection size (inches)}}{25.3807}$$

$$a \text{ (max length)} = \frac{\text{projection size (inches)}}{23.0947}$$

projection size (inches)	projection distance a (m)		height (H) (cm)
	min length (zooming max)	max length (zooming min)	
34.67	1.36	1.50	7.9
40	1.57	1.73	9.1
60	2.36	2.60	13.7
80	3.15	3.46	18.3
100	3.94	4.33	22.9
150	5.90	6.49	34.3
200	7.87	8.65	45.7
250	9.84	10.82	57.2
254.22	10	11	58.1

a is the distance (m) between the lens and the screen, and corresponds to a range of 1.36 m to 11 m. H is the height from the image bottom to the center of the lens.