

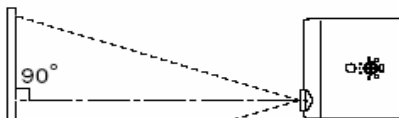
Toshiba TDP-S25U Mobile Projector Detailed Specifications

Model	TDP-S25U	
Display Technology	Shape No. of Pixels	0.55" DMD DLP™ 480,000 (800 x 600)
Projection Lens	Standard Lens F/f (mm)	1.2x manual zoom/manual focus F = 2.0 - 2.2, f = 18.2 - 21.84mm
Light Source		180W (144W in low mode)
Brightness		1800 ANSI lumens
Native Resolution		SVGA 800 x 600
Color Reproduction		Full 16.7 Million Colors
Contrast Ratio		2000:1
Projection Screen Size (Diagonal)		30 - 300 inches
Projection Distance		3.8 ft - 33 ft
Throw Ratio		1.6 - 1.94:1
Compatible Scanning Frequency	Horizontal (kHz) Vertical (Hz)	15 - 93kHz 50 - 85Hz
Input Terminals	Video Color Difference Audio RGB	1x RCA, 1x S-Video 1x mini D-sub 15, shared with RGB signal 1x stereo mini-jack, 2x RCA for video, 2x RCA for S-video 2 x D-sub 15
Input Signal Format	Video Color Difference RGB	NTSC, PAL, SECAM HDTV/DTV (480p/480i/720p/1080i), DVD VGA, SVGA, XGA (compressed), SXGA (compressed), UXGA (compressed), MAC
Output Terminals	Audio RGB	1x stereo mini-jack 1x RGB
Keystone Correction		Digital +/- 15°
Noise Level		37dBA (33dBA in low mode)
Internal Speaker		1.0W Monaural
PC Interface		RS232C (mini DIN-8 pin)
External Dimensions (WxDxH)		11.2" x 10.0" x 3.8"
Weight		6.6 lbs.
Power Consumption		250W
Power Source		100-240V, 50/60Hz
Replacement Lamp		TLP-LV5
Box Contents		Remote Control with Batteries, Power Cord, RGB Cable, CD-ROM, User's Manual, Soft Carrying Bag

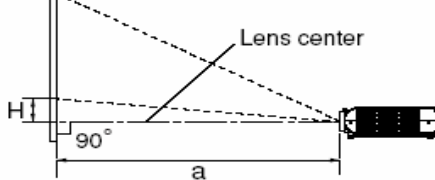
Projection Distance and Size

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 is the distance (m) between the lens and the screen, and corresponds to a range of 1.15 m to 10.00 m. **H** is the height from the image bottom to the center of the lens.

$$a \text{ (min length)} = \frac{\text{projection size (inches)} - 1.516}{29.85}$$

$$a \text{ (max length)} = \frac{\text{projection size (inches)} - 1.264}{24.88}$$

projection size (inches)	projection distance a (m)		height (H) (cm)
	min length (zooming max)	max length (zooming min)	
30	—	1.15	5.5
36	1.15	1.40	6.6
40	1.29	1.56	7.3
60	1.96	2.36	11.0
80	2.63	3.17	14.6
100	3.30	3.97	18.3
150	4.97	5.98	27.4
200	6.65	7.99	36.6
250	8.32	10.00	45.7
300	10.00	—	54.9