

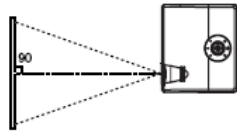
Toshiba TDP-S8U Mobile Projector Specifications

Model	TDP-S8U	
Display Technology	Shape No. of Pixels	0.55" DMD DLP 480,000 (800 x 600)
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		1800 ANSI lumens
Native Resolution		SVGA 800 x 600
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 (true), XGA (compressed), 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 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.)

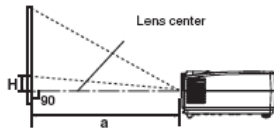
Screen **As seen from above**



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

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

As seen from the side



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
90	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.