

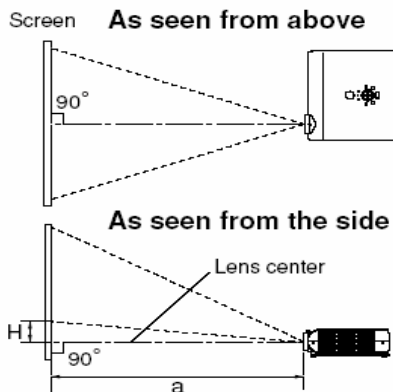
Toshiba TDP-S25U and TDP-SC25U Mobile Projector Specifications

Model		TDP-S25U	TDP-SC25U
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	
Document Camera		N/A	Yes
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 (true), 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"	14.5" x 10.2" x 3.8"
Weight		6.6 lbs.	8.6 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 Document Camera Cable (supplied with the TDP-SC25U model only)	

Document Camera Specs	TDP-SC25U
Image Pick Up Device	1/4.2 inches Honeycomb CCD
Pixels	629,856 pixels (648H x 486V x2)
Camera Lens	F=2.8, f=2.8mm, two-step manual focus for "Far" or "Near" viewing, camera gain

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.)



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