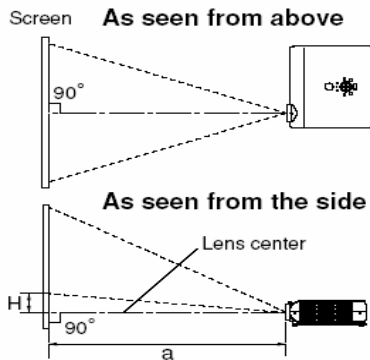


Toshiba TDP-S20U/SW20U Mobile Projector Specifications

Model		TDP-S20U	TDP-SW20U
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		160W (135W in low mode)	
Brightness		1400 ANSI lumens	
Native Resolution		SVGA 800 x 600	
Wireless Technology		N/A	IEEE 802.11b
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 2x RGB	
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		36dBA (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.	6.8 lbs.
Power Consumption		230W	240W
Power Source		100-240V, 50/60Hz	

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

Box Contents

Remote Control, Power Cord, RGB Cable, CD-ROM, User's Manual, Soft Carrying Bag, Wireless PC LAN Card* (only for TDP-SW20U model)