

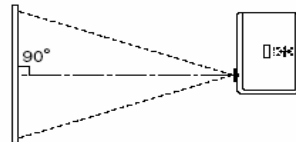
Toshiba TLP-S70U/S71U Product Specifications

Model		TLP-S70U	TLP-S71U
Display Technology	Shape No. of Pixels	0.7" LCD x 3 480,000 (800 x 600)	
Projection Lens	Standard Lens F/f (mm)	1.2x manual focus/manual zoom F=1.8 - 2.1, f=26.5 - 31.5mm	
Light Source		165W	
Brightness		2000 ANSI lumens	
Native Resolution		SVGA 800 x 600	
Color Reproduction		Full 16.7 Million Colors	
Contrast Ratio		400:1	
Projection Screen Size (Diagonal)		33 - 300 inches	
Projection Distance		4.8 ft - 37 ft	
Compatible Scanning Frequency	Horizontal (kHz) Vertical (Hz)	15 - 93kHz 50 - 85HZ	
Input Terminal	Video Color Difference Audio RGB	2 channels (RCA x 1, S-Video x 1) 1 channel (mini D-sub 15 x 1, shared with RGB signal) 1 channel (stereo mini-jack x 1) 1 channel (mini D-sub 15 pin x 1)	
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: 832 x 624; 74.55 Hz (vert max); 49.725 kHz (horiz max); MAC: 1024 x 768; 74.7 Hz (vert max); 60.134 kHz (horiz max)	
Output Terminal	RGB	1 channel (mini D-sub 15 pin x 1)	
Automatic Keystone Correction		Digital +/- 15°	
Noise Level		36dBA (33dBA in low mode)	
Internal Speaker		1.0W Monaural	
PC Interface		RS232C (mini DIN-8 pin)	
Digital Zoom	Computer Video (RGB) Component Video	Up to 10X Up to 3X	
External Dimensions (WxDxH)		11.9" x 8.1" x 3.3"	14.1" x 8.1" x 3.3"
Weight		4.9 lbs.	6 lbs.
Power Consumption		265W	
Power Source		100-240V, 50/60Hz	

Projection Distance and Screen Size (with optical zooming)

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

Screen **As seen from above**



For TLP-T70M/T71M/S70/S71

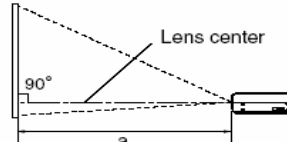
$$a \text{ (min length)} = \frac{\text{projection size (inches)} - 1.547}{26.44}$$

$$a \text{ (max length)} = \frac{\text{projection size (inches)} - 1.2907}{22.06}$$

a is the distance (m) between the lens and the screen, and corresponds to a range of 1.45 m to 11.29 m.

screen size (cm)	projection distance a(m)	
	min length (zooming max)	max length (zooming min)
40 (102)	1.45	1.75
60 (152)	2.21	2.66
80 (203)	2.97	3.57
100 (254)	3.72	4.47
150 (381)	5.61	6.74
200 (508)	7.51	9.01
250 (635)	9.40	11.27
300 (762)	11.29	—

As seen from the side



For TLP-T60M/T61M/S40/S41

$$a \text{ (min length)} = \frac{\text{projection size (inches)} - 1.4285}{30.68}$$

$$a \text{ (max length)} = \frac{\text{projection size (inches)} - 1.1908}{25.574}$$

a is the distance (m) between the lens and the screen, and corresponds to a range of 1.26 m to 9.73 m.

screen size (cm)	projection distance a(m)	
	min length (zooming max)	max length (zooming min)
40 (102)	1.26	1.52
60 (152)	1.91	2.30
80 (203)	2.56	3.08
100 (254)	3.21	3.86
150 (381)	4.84	5.82
200 (508)	6.47	7.77
250 (635)	8.10	9.73
300 (762)	9.73	—

Box Contents	Remote Control, Power Cord, RGB Cable, CD-ROM, User's Manual, Soft Carrying Case
Document Camera	TLP-S71U
Image pick-up device/Pixels Camera Lens	1/4.2-inch Honeycomb CCD/629,856 pixels (648H x 486V x 2) F=2.8, f= 2.8mm, two-step focus for "Far" or "Near" viewing, camera gain