



Model Name

ES500 Digital Projector

Unique selling point

- * SmartEco power saving technology
- * Up to 10,000 hours long lamp life
- * <0.5W standby mode
- * Auto vertical keystone

Trade Mark



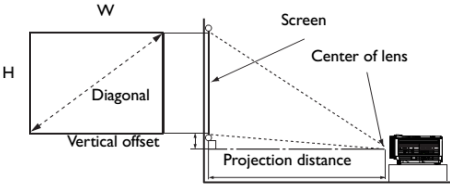
Projection System	DLP	
Native Resolution	SVGA(800 x 600)	
Brightness	3000AL	
FOFO Contrast Ratio	13000:1	
Display Color	1.07 Billion Colors	
Lens	F=2.5-2.7, f=22.08-24.28mm	
Aspect Ratio	Native 4:3 (5 aspect ratio selectable)	
Throw Ratio	1.97-2.17 (50"@2m)	
Image Size (Diagonal)	34"~300"	
Zoom Ratio	1.1:1	
Lamp Type	190W	
Lamp Mode (Normal/Eco/SmartEco)*	5000/6000/10000 hours	
Keystone Adjustment	Auto 1D, Vertical +/- 40 degrees	
Projection Offset	130% ±5%	
Resolution Support	VGA(640 x 480) to WUXGA_RB (1920 x 1200) *RB = Reduced Blanking	
Horizontal Frequency	15~102KHz	
Vertical Scan Rate	23~120Hz	
Compatibility	HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
	Video Compatibility	NTSC, PAL, SECAM
	3D Compatibility	Frame Sequential: Up to 720p 60Hz (Video), Up to WXGA 120Hz (PC Timing) (Please refer to User's Manual Side by Side: Up to 1600 x 1200 60Hz (PC Timing) for detailed support timing.) Top Bottom: Up to 1600 x 1200 60Hz (PC Timing)
Interface	Computer in (D-sub 15pin)	x 1 (Share with component)
	Monitor out (D-sub 15pin)	No
	Composite Video in (RCA)	x 1
	S-Video in (Mini DIN 4pin)	No
	HDMI	No
	Audio in (Mini Jack)	No
	Audio out (Mini Jack)	No
	Speaker	No
	USB (Type mini-B)	x 1 (Download & page/down)
	RS232 (DB-9pin)	x 1
IR Receiver	x 1 (Front)	
Dimensions	Dimensions(W x H x D)	285 x 117 x 192 mm
Power	Weight	1.94 kg (4.2 lbs)
	Power Supply	AC100 to 240 V, 50 to 60 Hz
	Power Consumption	Normal 240W, Eco 200W, Standby <0.5W
Audible Noise	32/30 dBA (Normal/Economic mode)	
On-Screen Display Languages	Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese (28 Languages)	
Picture Modes	Dynamic/Presentation/sRGB/Cinema/User 1/User 2	
Accessories	Standard	Optional
	Remote Control w/ Battery	Spare Lamp Kit
	Power Cord (by region)	Ceiling Mount
	User Manual CD	3D Glasses
	Quick Start Guide	Carry bag
	Warranty Card (by region) VGA(D-sub 15pin) Cable	

*Lamp life results will vary depending on environmental

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Distance Chart

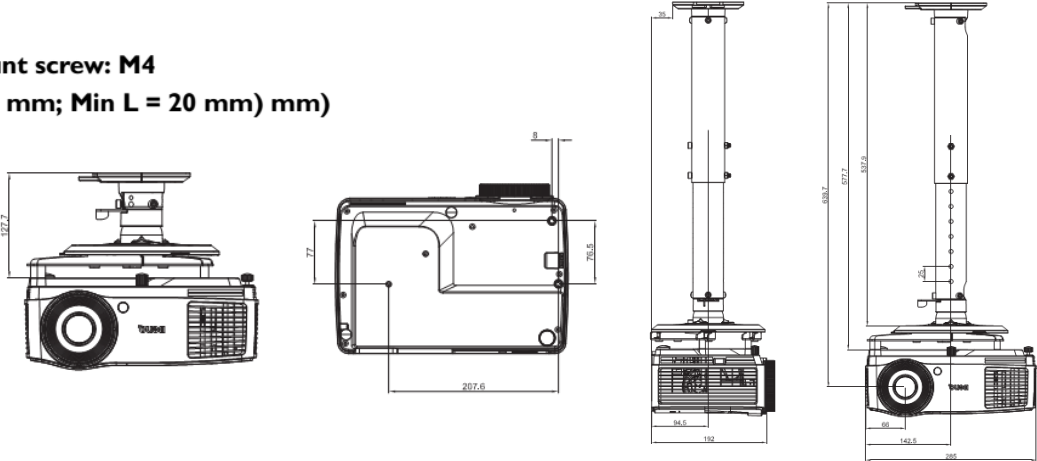
The screen aspect ratio is 4:3 and the projected picture is 4:3



Screen size				Projection distance (mm)			Vertical offset (mm)
Diagonal		W (mm)	H (mm)	Min distance (max. zoom)	Average	Max distance (min. zoom)	
Inch	mm						
35	889	711	533	1401	1472	1543	80
40	1016	813	610	1600	1680	1760	91
50	1270	1016	762	2000	2100	2200	114
60	1524	1219	914	2400	2520	2640	137
80	2032	1626	1219	3200	3360	3520	183
100	2540	2032	1524	4000	4200	4400	229
120	3048	2438	1829	4800	5040	5280	274
150	3810	3048	2286	6000	6300	6600	343
200	5080	4064	3048	8000	8400	8800	457
220	5588	4470	3353	8800	9240	9680	503
250	6350	5080	3810	10000	10500	11000	572
300	7620	6096	4572	12000	12600	13200	686

Ceiling Mount Chart

Ceiling Mount screw: M4
(Max L = 25 mm; Min L = 20 mm) mm



Dimension



Unit: mm

