Model Name	TH670 Digital Projector

Unique selling point

* Native 1080P
* Up to 3000 lumens
* Up to 10000 hours Long lamp life
* 1.5A USB-A Power Supply
* <0.5W standby mode

Trade Mark

SmartEco   HDMI

Projection System	DLP	
Native Resolution	1080P (1920x1080)	
Brightness	3000AL	
Contrast Ratio	10000:1	
Display Color	1.07 Billion Colors	
Lens	F/#=2.55~2.76 f=22.3~26.76	
Aspect Ratio	Native 16:9 (5 aspect ratio selectable)	
Throw Ratio	1.5~1.8(62"±3% @ 2m)	
Image Size (Clear Focus/ Maximum)	60"~120" / 300"	
Zoom Ratio	1.2:1	
Lamp Type	210W	
Lamp(Normal/Economic/SmartEco Mode)*	4000/6000/10000 hours	
Keystone Adjustment	1D, Vertical +/- 30 degrees	
Projection Offset	116% ±2.5% (Full Image Height Standard)	
Resolution Support	VGA(640 x 480) to WUXGA_RB(1920 x 1200) * RB= Reduced blanking	
Horizontal Frequency	15K~102KHz	
Vertical Scan Rate	24~120Hz	
Compatibility	HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
	Video Compatibility	NTSC, PAL, SECAM
	3D Compatibility	PC: 120Hz Frame Sequential 3D for resolutions up to WXGA, PC: 60Hz Top-bottom 3D for resolutions up to SXGA+
Interface	Computer in (D-sub 15pin)	x 2 (Share with component)
	Composite Video in (RCA)	x 1
	HDMI (1.4a)	x 1
	Audio in (Mini Jack)	x 1
	Audio L/R in (RCA)	x 1
	Audio out (Mini Jack)	x 1
	Microphone in	x 1
	Speaker	10W x 1
	USB (Type mini B)	x 1 (Download)
	USB (Type A)	x1 (1.5A power supply)
	RS232 (DB-9pin)	x 1
	IR Receiver	x1(Front)
Dimensions	Dimensions(W x H x D)	327 x 233 x 137(mm)
	Weight	3.0KG
Power	Power Supply	AC100 to 240 V, 50 to 60 Hz
	Power Consumption	Normal 260W. Eco 210W. Standby <0.5W
	Power Management Function	Automatic power off after 20 minutes without a display source.
Audible Noise	31/29 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	**Bright / **Presentation** / sRGB / Cinema / (3D) / User 1 / User 2	

Accessories	**Standard**	**Optional**
	Remote Control w/ Battery	Spare Lamp Kit
	Power Cord (by region)	Ceilling Mount
	User Manual CD	3D Glasses
	Quick Start Guide	
	Warranty Card (by region)	

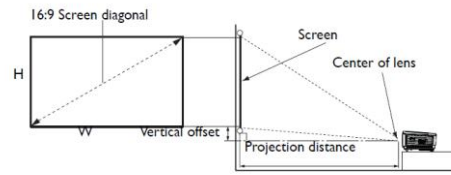| **Environmental Notice**	Lamp in this product contains mercury. To dispose of the product or used lamps, consult your local environment authorities for regulations or see www.lamprecycle.org.

*Lamp life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.

** Default mode is **Presentation**. When 3D is on, Picture Modes only shows 3D. When 3D is off, it is not shown in Picture Modes.
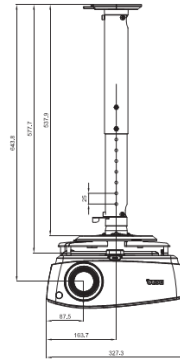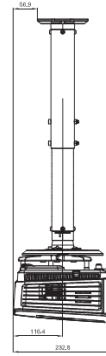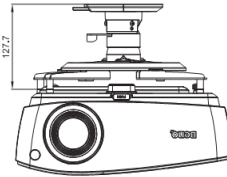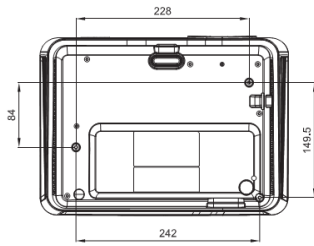
Distance Chart

Screen size			Distance from screen (mm)			Vertical offset (mm)
Diagonal	W	H	Min length	Average	Max length	
Inch	mm	(mm)	(mm)	(max. zoom)		(min. zoom)	
30	762	664	374	994	1097	1200	56
40	1016	886	498	1325	1463	1600	75
60	1524	1328	747	1988	2194	2400	112
80	2032	1771	996	2651	2925	3200	149
100	2540	2214	1245	3313	3657	4000	187
120	3048	2657	1494	3976	4388	4800	224
150	3810	3321	1868	4970	5485	6000	280
200	5080	4428	2491	6627	7313	8000	374
250	6350	5535	3113	8283	9142	10000	467
300	7620	6642	3736	9940	10970	12000	560

16:9 Screen diagonal

Screen

Center of lens

H

W

Vertical offset

Projection distance

Wall mount/Ceiling mount Chart

228

84

149.5

242

127.7

56.9

644.8

572.7

537.6

36

116.4

232.8

87.5

163.7

327.3

Dimension

233

137

327

Unit: mm

BenQ