![BenQ]

Model Name	W1210ST Digital Projector

Unique Selling Point	Trade Mark

* Fast mode for ultra-low input lag
* 6x RGBRGB color wheel
* 1.2x short-throw lens
* CinemaMaster Audio Enhancer
* 10W chamber speaker x 2

DLP TEXAS INSTRUMENTS — PICTURE BY — HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE — MHL Mobile High-Definition Link — SmartEco — CinemaMaster Audio+ — isf ccc

Projection System	DLP	
Native Resolution	1080p (1920 x 1080)	
Brightness	2200 AL	
FOFO Contrast Ratio	15000:1	
Display Color	1.07 Billion Colors	
Lens	F = 2.6 - 2.78, f = 10.2 - 12.24 mm	
Aspect Ratio	Native 16:9 (5 aspect ratio selectable)	
Throw Ratio	0.69 - 0.83 (100" @ 1.5m)	
Image Size (Clear Focus / Maximum)	60"~120" / 300"	
Zoom Ratio	1.2:1	
Lamp Type	240W	
Lamp Mode (Normal/Eco/SmartEco)*	3500 / 5000 / 7000 hours	
Keystone Adjustment	Vertical ± 20 degrees	
Projection Offset	102.5% ± 2.5%	
Lens Shift	N/A	
Resolution Support	VGA(640 x 480) to WUXGA_RB (1920 x 1200) *RB = Reduced Blanking	
Horizontal Frequency	15 - 102KHz	
Vertical Scan Rate	23 - 120Hz	
Color Wheel Segment	6-Segment (RGBRGB)	
Color Wheel Speed	6x (50Hz), 4x (60Hz)	
Compatibility	HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
	Video Compatibility	NTSC, PAL, SECAM
	3D Compatibility (Please refer to User's Manual for detailed support timing.)	Frame Sequential: Up to 720p Frame Packing: Up to1080p Side by Side: Up to 1080i/p Top Bottom: Up to 1080p
Interface	PC (D-Sub)	x 1
	HDMI	x 2
	MHL	x 1 (Share with HDMI-2)
	Audio In	x 1
	Audio Out	x 1
	Chamber Speaker	10W x 2
	USB (Type A)	x 1 (5V / 1.5A power supply)
	USB (Type mini B)	x 1 (Service)
	RS232	x 1
	DC 12V Trigger	x 1
	IR Receiver	x 2 (Front & Top)
Physical	Dimensions (W x H x D)	380.5 x 121.7 x 277 mm
	Weight	3.6 kg (7.93 lbs)
Power	Power Supply	AC100 to 240 V, 50 to 60 Hz
	Power Consumption	Normal 353W, Eco 292W, Standby <0.5W
Audible Noise	29/27 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	** ISF Disabled: Bright / Vivid / Cinema / **Game / Game (Bright)** / User / (3D) *** ISF Enabled: Bright / Vivid / Cinema / Game / Game (Bright) / User / **ISF Night** / ISF Day / (3D)	

Accessories	**Standard**	**Optional**
	Lens Cover	Spare Lamp Kit
	Remote Control with Battery	Ceilling Mount
	Power Cord (by region)	Wireless FHD Kit
	User Manual CD	DLP 3D Glasses
	Quick Start Guide	
	Carry Bag	
	Warranty Card	

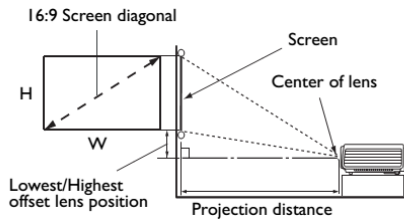| **Environmental Notice**	Lamp in this product contains mercury. To dispose of the product or used lamps, consult your local environment authorities for regulations or see www.lamprecycle.org.

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

** Default picture mode is **Standard**. When 3D is on, picture mode menu only show 3D. When 3D is off, 3D will also disappear.

*** When ISF is enable, default picture mode is **ISF Night.** When 3D is on, picture mode only show 3D. When 3D is off, 3D will also disppear.
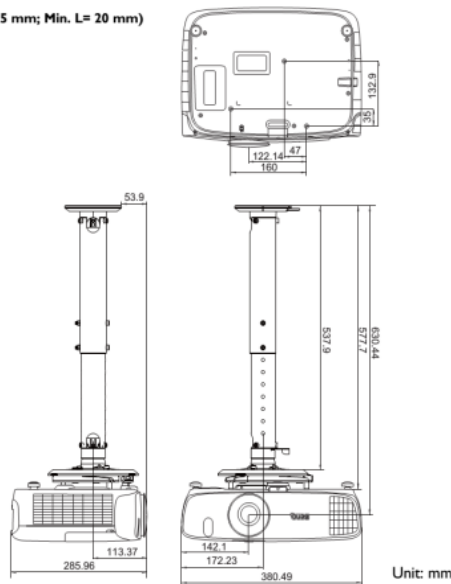
Distance Chart

16:9 Screen diagonal

Screen

Center of lens

H

W

Lowest/Highest offset lens position

Projection distance

Screen size				Projection distance (mm)			Offset lens position (mm)
Diagonal		H (mm)	W (mm)	Min. distance	Average	Max. distance	
Inch	mm			(max. zoom)		(min. zoom)	
60	1524	747	1328	917	1009	1102	19
70	1778	872	1550	1069	1178	1286	22
80	2032	996	1771	1222	1346	1470	25
90	2286	1121	1992	1375	1514	1654	28
100	2540	1245	2214	1528	1682	1837	31
110	2794	1370	2435	1680	1851	2021	34
120	3048	1494	2657	1833	2019	2205	37
140	3556	1743	3099	2139	2355	2572	44
160	4064	1992	3542	2444	2692	2940	50
180	4572	2241	3985	2750	3028	3307	56

☞ **All measurements are approximate and may vary from the actual sizes. If you want a permanent installation of the projector, we recommend that you use the actual projector to physically test the projection size, distance, and the projector's optical characteristics prior to the installation. This helps you determine the exact mounting position which best suits your installation.**

Wall Mount / Ceiling Mount Chart

◎ Ceiling mount screws: M4
(Max. L = 25 mm; Min. L= 20 mm)

132.9

35

122.14 47
160

53.9

537.9

577.7

630.44

113.37
285.96

142.1
172.23
380.49

Unit: mm

Dimension

277

121.7

380.5

Unit: mm

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