



**Model Name** GP20 Ultra Lite LED Projector

**Unique selling point**

- \* 700AL LED, 100% NTSC
- \* Compatible with GP10 DVD player
- \* 1.2 throw ratio (40" @ 1M)
- \* 3W stereo speakers x2 + SRS WOW HD
- \* Auto Blank (Eye protection)
- \* MHL
- \* Wireless Display (Windows / Mac / iOS / Android)
- \* 3D-Ready (DLP Link)

**Trade Mark**

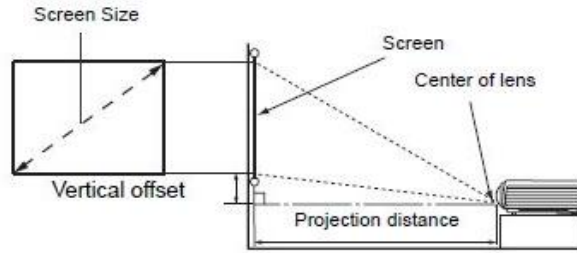


<b>Projection System</b>	DLP	
<b>Native Resolution</b>	WXGA(1280 x 800)	
<b>Brightness</b>	700AL	
<b>Contrast Ratio</b>	100,000 : 1 (FOFO)	
<b>Display Color</b>	1.07 Billion Colors	
<b>Lens</b>	F=1.65, f=11.7mm	
<b>Aspect Ratio</b>	Native 16:10 (5 aspect ratio selectable)	
<b>Throw Ratio</b>	1.2:1 (40" @ 1m)	
<b>Image Size (Diagonal)</b>	20"-240"	
<b>Zoom Ratio</b>	Fixed	
<b>Lamp Type</b>	Luminus PT54	
<b>Lamp(Normal/Economic)*</b>	20,000/30,000 hours	
<b>Keystone Adjustment</b>	1D, Vertical +/- 40 degrees	
<b>Projection Offset</b>	100%±5%	
<b>Resolution Support</b>	VGA(640 x 480) to UXGA(1600 x 1200)	
<b>Horizontal Frequency</b>	31 ~ 102KHz	
<b>Vertical Scan Rate</b>	23 ~ 120 Hz	
<b>Compatibility</b>	HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
	Video Compatibility	NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM / HDTV
	3D Compatibility	PC: 120Hz Frame Sequential 3D for resolutions up to WXGA, PC: 60Hz Top-bottom 3D for resolutions up to SXGA+ Video: 60Hz Frame Sequential 3D for resolutions up to 480i
<b>Interface</b>	Computer in (D-sub 15pin)	x 1
	Composite Video in	x 1
	Component Video in	share with D-Sub
	HDMI (v1.3)	x 1
	MHL	share with HDMI
	Audio in (Mini Jack)	x 1 (3.5mm)
	Audio out (Mini Jack)	x 1 (3.5mm)
	Speaker	3W (Amp. 2W) x2 (w/ SRS)
	USB (Type A)	x 1 (USB Drive/HDD/Wi-Fi dongle)
	USB (Type Mini B)	x 1 (USB Display/File transfer)
	Card Reader	x 1 (SD, SDHC up to 32GB)
	Internal memory	2GB (1.66 GB for user usage)
<b>Dimensions (W x H x D)</b>	220mm x 61.8mm x 177mm	
<b>Weight</b>	1.5kg (0.67 pounds)	
<b>Auto Blank</b>	Effective distance : 20 cm ~ 30cm (Vary with different ambient light and the color of reflected object)	
<b>Power</b>	Power Supply	AC 100 to 240 V, 50/60 Hz
	Power Consumption	128W/95W (Typical/Eco) , Standby<0.5W
<b>Audible Noise</b>	36/31 dBA (Normal/Economic mode)	
<b>On-Screen Display Languages</b>	Arabic / Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hungarian/ Hindi / Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/Spanish/ Swedish/ Turkish/ Thai / Traditional Chinese (28 Languages)	
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<b>Picture Modes</b>	Bright/Standard/Cinema/Game/User	
<b>Accessories</b>	<b>Standard</b>	<b>Optional</b>
	Remote Control w/ Battery	DVD PLAYER US/CA PRJ GP10 5J3F14.A01 (for A)
	Power Cord (by region)	DVD PLAYER EU/JP/ZA/ME PRJ GP10 5J3F14.E01 (for E, J(JP), S(ME))
	Carry Bag	DVD PLAYER KR/TW/MY/SG/TH/ID/VN/HK/PH PRJ GP10 5J3F14.F01 (for K(KR), T(TW), S (MY, SG), F (TH, ID, VN), E(HK), A(PH))
	User Manual (24L, in flash)	DVD PLAYER AU/NZ/LA PRJ GP10 5J3F14.P01 (for P(AU), L)
	Quick Start Guide (18L)	DVD PLAYER LA PRJ GP10 5J3F14.L01 (for L)
	Warranty Card (by region)	DVD PLAYER IN/ME PRJ GP10 5J3F14.D01 (for D(IN), S(ME))
	Wi-Fi dongle	DVD PLAYER CH PRJ GP10 5J3F14.C01 (for C)
		3D Glasses 5J3T14.011
<b>Multimedia Support Format</b>	<b>Video</b>	AVI (Xvid, MPEG), DVIX (MPEG, XVID), DAT (MPEG1), MPG(MPEG1), MPEG(MPEG1)
	<b>Music</b>	MP3, MP2, MP1, OGG, AAC, WAV
	<b>Photo</b>	JPG (.jpg, .jpeg) , BMP (.bmp)
	<b>Subtitle</b>	SRT (.srt) , SMI (.smi) (TBC) [Only support UTF (unicode).]
	<b>Document</b>	Adobe PDF 1.0~1.4 (.pdf), MS Power Point 97~2010, Office XP (.ppt, .pptx), MS Excel 95 ~ 2010, Office XP (.xls, .xlsx) MS Word 95~2010, Office XP (.doc, .docx)
<b>Wireless Display (Windows)</b>	<b>System Requirements (EZ Qpresenter 2.0)</b>	CPU: Dual Core Intel Core i 1.6 GHz or higher (ATOM not supported) Graphic card: Intel, NVIDIA or AMD graphic card with 64MB VRAM or above OS: Windows XP SP3, Vista SP2, Win 7 SP1 and Win8 (not support Starter version) Display mode: Mirror Display Extension Display (*Not support on Win8) Audio on/off (Audio streaming is not supported by WinXP) Wi-Fi: 802.11n
<b>Wireless Display (MAC)</b>	<b>System Requirements (EZ Qpresenter 2.0)</b>	CPU: Intel Dual core 1.4 GHz or higher (PowerPC not supported) Graphic card: Intel, NVIDIA or AMD graphic card with 64MB VRAM or above OS: Mac OS X 10.7 and above Recommended Models: Mac Book series and iMac series after E/2011 Display mode: Mirror Display Extension Display Wi-Fi: 802.11n
<b>Wireless Display (iOS/Android)</b>	<b>Features (EZ Qpresenter 2.0)</b>	1. View MS-Office files (Word, Excel, PowerPoint), Adobe PDF, Apple iWorks (Pages, Numbers, Keynote) with sketch function and save to photo roll. 2. View local photo gallery and do sketch 3. Remote control projector by your mobile device through Wi-Fi network 4. Display web pages and support sketch function 5. Display Dropbox files
	<b>Supported devices</b>	iPhone 4 and iPhone 4S, iPhone 5, iPad 2, and New iPad (gen 3 iPad)
	<b>Supported file format</b>	PDF: Adobe PDF 1.6 or later Photo: JPEG/JPG/PNG Office: MS Office 2003 or later iWorks: iWorks '09 (Pages '09, Numbers '09, Keynote '09)
	<b>Wi-Fi</b>	802.11b/g/n

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

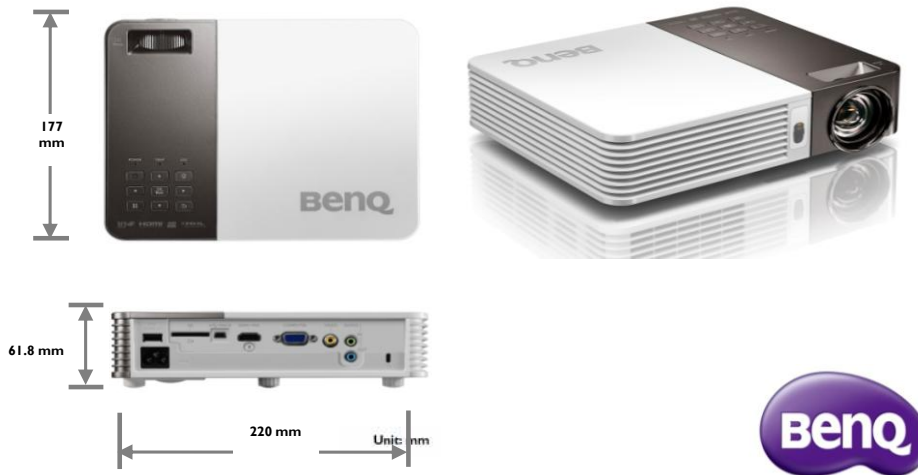
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### Distance Chart



Screen Size				Projection Distance in mm	Vertical offset in mm
Diagonal		W (mm)	H (mm)		
Inches	mm				
30	762	646	404	750	0
40	1016	862	538	1000	0
50	1270	1077	673	1250	0
60	1524	1292	808	1500	0
80	2032	1723	1077	2000	0
100	2540	2154	1346	2500	0
120	3048	2585	1615	3000	0
150	3810	3231	2019	3750	0
200	5080	4308	2692	5000	0
220	5588	4739	2962	5500	0
250	6350	5385	3365	6250	0
300	7620	6462	4039	7500	0

### Dimension



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