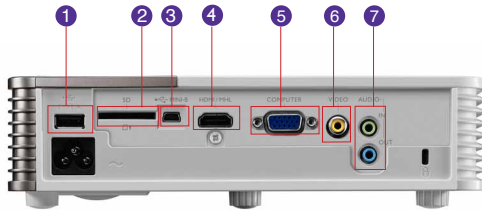# ULTRA LITE LED PROJECTOR | GP20

Features

- 700AL LED
- WXGA (1280x800)
- MHL - Enabled HDMI Part
- Display & Stream Content Wirelessly
- PC-Free Multimedia Connectivity
- PC 3D-Ready

Input and Output Terminals

1. USB (Type A)
2. SD Card Reader
3. USB (Tye Mini B)
4. HDMI/MHL
5. Computer in (D-sub 15pin)
6. Composite Video in
7. Audio in/out

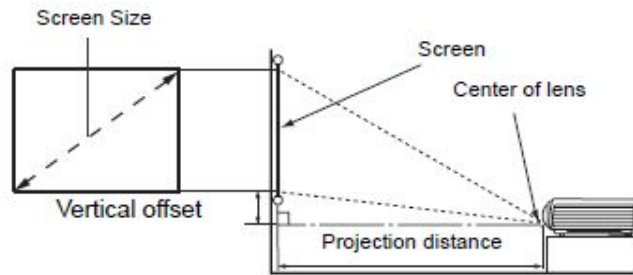## Specifications

Projection System	DLP®
Native Resolution	WXGA(1280 x 800)
Brightness	700 ANSI lumens
Contrast Ratio	100,000 : 1 (FOFO)
Display Color	1.07 Billion Colors
Lens	F=1.65, f=11.7mm
Aspect Ratio	Native 16:10 (5 aspect ratio selectable)
Throw Ratio	1.2:1 (40"@1m)
Image Size (Diagonal)	20''~240''
Zoom Ratio	Fixed
Lighting Source	LED
Lamp (Norm/Eco Mode)*	20,000/30,000 hours
Keystone Adjustment	1D, Vertical +/- 40 degrees
Projection Offset	100%±5%
Resolution Support	VGA(640 x 480) to UXGA(1600 x 1200)
Horizontal Frequency	31~ 85 KHz
Vertical Scan Rate	23 ~ 86 Hz
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+ Video: 60Hz Frame Sequential 3D for resolutions up to 480i
Interface	Computer in (D-sub 15pin) x 1 Composite Video in x 1 Component Video in share with D-Sub HDMI 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)
Dimensions (WHD)	8.6" x 6.9" x 2.4"
Weight	3.5 lbs
Auto Blank	20 cm ~ 30cm (Vary with different ambient light and the color of reflected object)
Power	Power Supply AC 100 to 240 V, 50/60 Hz Power Consumption 128W/95W (Typical/Eco) , Standby<0.5W
Audible Noise	36/32 dBA (Normal/Economic mode)
On-Screen Display Languages	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)
Picture Modes	Bright / Standard / Cinema / Game / User
Accessories (Standard)	Remote Control w/ Battery, Power Cord, Carry Bag, User Manual (24L, in flash), Quick Start Guide (18L), Warranty Card, Wi-Fi dongle
Accessories (Optional)	DVD PLAYER US/CA PRJ GP10, DVD PLAYER EU/JP/ZA/ME PRJ GP10, DVD PLAYER KR/TW/MY/SG/TH/ID/VN/HK/PH PRJ GP10, DVD PLAYER AU/NZ/LA PRJ GP10, DVD PLAYER LA PRJ GP10, DVD PLAYER IN/ME PRJ GP10, DVD PLAYER CH PRJ GP10
UPC Code / Part #	8400460-2814-5 / 9H.J3H77.19A
Limited Warranty	1 Year Parts & Labor

Multimedia Support Format

Video	AVI (Xvid, MJPEG), DVIX (MJPEG, XVID), DAT (MPEG1), MPG(MPEG1), MPEG(MPEG1)
Music	MP3, MP2, MP1, OGG, AAC, WAV
Photo	JPG (.jpg , .jpeg) , BMP (.bmp)
Subtitle	SRT (.srt) , SMI (.smi) (TBC) [Only support UTF (unicode).]
Document	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)

GP20 11-18-13-BQus

BenQ America Corp.
www.BenQ.us

GP20 Ultra Lite LED Projector

Distance Chart

Screen Size				Projection Distance in inch	Vertical offset in inch
Diagonal		W (inch)	H (inch)		
Inch	mm				
30	762	25.4	15.9	29.5	0
40	1016	33.9	21.1	39.3	0
50	1270	42.4	26.4	49.2	0
60	1524	50.8	31.8	59.0	0
80	2032	67.8	42.4	78.7	0
100	2540	84.8	52.9	98.4	0
120	3048	101.7	63.5	118	0
150	3810	127.2	79.4	147.6	0
200	2080	169.6	105.9	196.8	0
220	5588	186.5	116.6	216.5	0
250	6350	212.0	132.4	246.0	0
300	7620	254.4	159.0	295.2	0

Dimensions