

BenQ LH720

Image Display

Display System	0.65" DC3 DMD DLP
Native Chip Resolution	1920 x 1080 (Full HD)
Supported Resolutions	Minimum: VGA - 640 x 480 Maximum: WUXGA - 1920 x 1200
Max Brightness	4000 Lumens
Offset	116%
Aspect Ratio	Native: 16:9
DLP Link 3D	Yes
Supported 3D Formats	Frame Sequential Frame Packing Side by Side Top Bottom
Color Depth	10-Bit (1.07 Billion Colors)
Scan	Horizontal: 15 to 102 kHz Vertical: 23 to 120 Hz

Lens

Focus	Manual
Lens	f/2.42 - 2.97 (f = 20.7 - 31.05 mm)
Lens Shift	Vertical: + 12.5%
Optical Zoom	Manual: 1.5x
Throw Distance	2.92 - 47.03' / 89.1 - 1433.5 cm
Throw Ratio	1.38 - 2.13:1
Projection Size	30 - 300" / 76.20 - 762.00 cm

Features

Keystone Correction	Horizontal: $\pm 30^\circ$ Vertical: $\pm 30^\circ$
Ceiling Mountable	Yes
Rear Screen Projection	Yes
Built-In Speaker	Yes (Mono)
Speaker Power	10W

Input/Output Connectors

Inputs/Outputs

- 1 x** HDMI (HDMI Type-A) Audio, Video Input
 - 1 x** HDMI with MHL Support (HDMI Type-A) Audio, Video Input
 - 2 x** VGA (DE-15/DB-15) Video Input
 - 1 x** VGA (DE-15/DB-15) Video Output
 - 1 x** S-Video (4-Pin DIN) Video Input
 - 1 x** Composite (RCA) Video Input
 - 1 x** 2RCA Audio Input
 - 1 x** 1/8" / 3.5 mm Mini Audio Input
 - 1 x** 1/8" / 3.5 mm Mini Audio Output
 - 1 x** 1/8" / 3.5 mm Mini Microphone Input
 - 1 x** USB 2.0 (USB Type-A) Power Output
 - 1 x** USB 2.0 (Mini-USB) Control, Service
 - 1 x** RS-232 (DE-9/DB-9) Control Input
 - 1 x** RJ45 Control, LAN, Service
 - 1 x** 12 V Trigger Control Output
-

Hardware

Wireless LAN / Wi-Fi

No, Optional Adapter Available

General

Light Source

Laser Phosphor

Expected Lamp Life

Medium Brightness: 20,000 Hours

Fan Noise

Full Brightness: 33 dB
Medium Brightness: 29 dB

Security

Cable Lock Slot
Security Bar

Supported Languages

Arabic
Bulgarian
Croatian
Czech
Danish
Dutch
English
Finnish
French
German
Greek
Hindi
Hungarian
Indonesian
Italian
Japanese
Korean
Norwegian
Polish
Portuguese
Romanian
Russian
Simplified Chinese
Spanish
Swedish
Thai
Traditional Chinese
Turkish

AC Input Power

100 to 240 VAC, 50 / 60 Hz

Power Consumption

Full Brightness: 320 W
Medium Brightness: 300 W
Low Brightness: 280 W
Standby Mode (Lamp Off): <2 W

Max Operating Altitude

9842' / 3000 m

Operating Temperature	32 to 104°F / 0 to 40°C
-----------------------	-------------------------

Storage Temperature	-4 to 140°F / -20 to 60°C
---------------------	---------------------------

Operating Humidity	10 - 90%
--------------------	----------

Storage Humidity	10 - 90%
------------------	----------

Dimensions (W x H x D)	16.1 x 6.2 x 10.7" / 410.0 x 158.0 x 272.0 mm
------------------------	---

Weight	12.35 lb / 5.6 kg
--------	-------------------

Packaging Info

Package Weight	16.14 lb
----------------	----------

Box Dimensions (LxWxH)	19.2 x 15.2 x 10.1"
------------------------	---------------------
