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CINEMA IN ULTRA HD



## Acer H6810BD

4K UHD (3,840 x 2,160)

3,500 ANSI lumens

HDMI 3D

HDR & Rec. 2020 compatible



## Product Specifications

Model name	H6810BD
Projection system	DLP®
Resolution	4K UHD (3,840 x 2,160) resolution with 8.3 megapixel on screen
Brightness	3,500 ANSI Lumens (Standard), 2,800 ANSI Lumens (ECO) (Compliant with ISO 21118 standard)
Aspect ratio	4:3 (Native), 16:9 (Supported)
Contrast ratio	10,000:1
Throw ratio	1.47~1.76 (100"@3.25m)
Zoom ratio	1.2X
Projection lens	F = 1.94~2.06, f = 15.57mm~18.67mm Manual Zoom & Focus
Lamp life	4,000 Hours (Standard), 10,000 Hours (ECO), 20,000 Hours (EcoPro)
Noise level	33 dBA (Standard), 29 dBA (ECO), 23 dBA (Silent Mode <sup>1</sup> )
Input interface	Analog RGB/Component Video (D-sub) x 1 HDMI (Video, Audio, HDCP) x 1 HDMI 2.0 (Video, Audio, HDCP 2.2) x 1 PC Audio (Stereo mini jack) x 1
Output interface	PC Audio (Stereo mini jack) x 1 DC Out (5V/1.5A, USB Type A) x 1
Control interface	USB (Mini-B) x 1 RS232 (D-sub) x 1 12V DC (Screen control) x 1
Dimensions	343 mm x 258 mm x 124.6 mm (13.5" x 10.2" x 4.9")
Weight	4 Kg (8.8 lbs)

## Feature Highlights

### Expressive display

- 4K UHD (3,840 x 2,160) resolution
- 3,500 ANSI lumens
- 10,000:1 contrast ratio
- HDR compatible
- Rec. 2020 compatible
- HDMI 3D<sup>2</sup>
- 1080p 120Hz

### Enhanced usability

- HDMI 2.0
- ISFccc certified
- Silent mode<sup>1</sup>
- Wireless Projection<sup>3</sup>
- 10W speaker

### Installation flexibility

- 1.2X zoom
- Keystone Correction +/- 40°
- Top-loading lamp design
- AC power on

### Eco-friendly functionality

- Lamp life up to 20,000 hours (EcoPro)

1 - XPR is a proprietary, pixel-shifting technology by Texas Instruments. XPR is disabled when operating in silent mode.  
2 - Support up to 1080p resolution. Optional 3D glasses is required.  
3 - Optional wireless dongle is required

## Product View



### Optional Accessory



\* External power is required. A Micro-USB to USB A cable is needed but not provided by Acer.



### 4K UHD

The Consumer Electronics Association (CEA) definition of 4K Ultra HD (UHD, 3,840 x 2,160) resolution states the display resolution must have at least 8 million active pixels. H6810BD 4K Ultra HD resolution serves 8.3 million on-screen pixels — four times more of a Full HD. All details comes alive.



### ISFccc Professional Calibration

ISFccc (Certified Calibration Controls) enables projector to deliver the best of its quality in different environments. Get the most out of your projector's images with ISFccc professional calibration.

\* The ISF is a third-party service provider. Acer is not responsible for the quality of service or products they provide.



### HDR compatible

HDR (High dynamic range) is a technique to reproduce a greater dynamic range of luminosity. It preserves details in the darkest & brightest areas, and presents a similar range of luminance that the color is close to how we see in real life. The expanded contrast & wider range of brightness produces true-to-life color. Image comes to life with HDR compatible.



### Rec. 2020 compatible

Rec. 2020, also known as BT. 2020, is the recommendation for UHDTV defined by International Telecommunications Union (ITU). With Rec. 2020 compatible, projector is able to read and translate rec. 2020 language into rec. 709 for superior color reproduction.

### About Acer

Founded in 1976, today Acer is one of the world's top ICT companies and has a presence in over 160 countries. As Acer looks into the future, it is focused on enabling a world where hardware, software and services will infuse with one another to open up new possibilities for consumers and businesses alike. From service-oriented technologies to the Internet of Things to gaming and virtual reality, Acer's 7,000+ employees are dedicated to the research, design, marketing, sale, and support of products and solutions that break barriers between people and technology. More information is at [www.acer.com](http://www.acer.com).

