Short Throw Projector
EH200ST

All-Digital Short Throw 1080P Data Projector

- Project a 100” diagonal image from only 3.5 ft from the screen
- All digital connectivity for lowest latency and faster response time (Free HDMI cable included)
- 20,000:1 contrast ratio adds visual impact to presentations
- MHL enabled HDMI port, present directly from your mobile phone or tablet
- VESA 3D Sync Port
- Powerful built-in audio to get your message across
- Long lamp life reduces cost of operation

The Optoma EH200ST brings all-digital short throw high definition projection to conference rooms, training rooms, classrooms and houses of worship. Its sharp 0.5:1 short throw projection lens delivers large, bright, crystal clear 1080p resolution graphics, presentations and movies ranging in size from 40” to 300” diagonal.

Whether your application calls for wall mounted installation or desktop projection, the Optoma EH200ST will captivate your audience with its 3000 lumens bright image, vibrant, true-to-life colors and 20,000:1 contrast ratio.

Equipped with the level of connectivity you need for today’s digital world, the Optoma EH200ST offers two HDMI ports, MHL connectivity, VESA 3D sync port, Audio out, 12V output, powerful 10-Watt audio, whisper quiet operation and more. The EH200ST features Optoma’s latest Eco+ technology for ultra-long lamp life and low cost of operation.

Connectivity (May require optional accessories)
SHORT THROW 1080P DATA PROJECTOR — EH200ST

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology
Single 0.65ʺ DC3 DMD DLP® Technology by Texas Instruments™

Native Resolution
HD 1080p (1920 x 1080)

Maximum Resolution
WUXGA (1920 x 1200)

Brightness
3000 lumens

Contrast Ratio
20,000:1

Displayable Colors
1.07 Billion

Lamp Life and Type
6500/6000/5000 (Bright/Eco/DB), 190W

Projection Method
Front, rear, ceiling mount, table top

Keystone Correction
±40° Vertical

Uniformity
>80%

Offset
116%

Aspect Ratio
16:9 Native, 4:3 compatible

Throw Ratio
0.5 (distance/width)

Projection Distance
1.64~11 (0.5~3.35 m)

Image Size
45.3”~303.2” (1.06~7.74 m)

Projection Lens
F=2.8, f=7.42 mm and focus

Digital Zoom
0.8 ~ 2.0

Audio
10-Watt speaker

Noise Level
26dB (Eco)

Remote Control
Backlit IR remote control

Operating Temperature
41–104°F (5–40°C), 85% max humidity

Power Supply
AC Input 100–240V, 50–60Hz, auto-switching

Power Consumption
Max 262W (Normal), Min 193W (Eco), <0.5W (standby-ECO)

COMPARABILITY SPECIFICATIONS

Computer Compatibility
WUXGA, UXGA, SXGA+, WXGA+, WXGA, SXGA, XGA, SVGA, VGA

Video Compatibility
NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)

3D Compatibility†
Supports all HDMI 1.4a mandatory 3D formats (Frame pack, side-by-side, top-bottom) and up converts frame rate from 60Hz to 120Hz or 24Hz to 144Hz (i.e. 60 or 72 frames per eye), 3D glasses are needed and are sold separately. Refer to user manual for details.

Vertical Scan Rate
24–85Hz, 120Hz

Horizontal Scan Rate
15.375–91.146KHz

Latency
<14 msec

User Controls
Complete on-screen menu, adjustments in 27 languages

I/O Connection Ports
Two HDMI v1.4a, 3D VESA, audio-out, USB mini-B, 12V trigger

Loop Through (Audio)
Audio: VAO audio out, HDMI VAO audio out supported (VAO in normal mode, fixed in Standby)

PHYSICAL SPECIFICATIONS

Security
Kensington® lock, security bar and keypad lock

Weight
6 lb (2.7 kg)

Dimensions (W x H x D)
12.4” x 4.0” x 8.8” (315 x 102 x 224 mm)

*Lamp life is dependent on many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time.

†3D content can be viewed with either RF or DLP Link active shutter glasses when projector is used with a compatible 3D player. RF 3D glasses require the use of the RF 3D emitter. Please visit www.OptomaUSA.com for more information.