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.
3D HOME THEATER PROJECTOR — EH200ST

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology  Single 0.65" 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)

COMPUTABILITY 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)

*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.

†Function not supported by the projector

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