






Powerful 1080p Presentation Projection HE35



EXTRAORDINARY IMAGERY FOR BUSINESS AND EDUCATION



-  **Native 1080p high definition resolution for sharp, visually stunning presentations**
-  **3500 lumens and 20000:1 contrast ratio produces lucid and detailed images**
-  **Ultimate in low total cost of ownership with 8000 lamp hours in ECO+ mode**
-  **BrilliantColor provides 10 preset color profiles for rich, vivid colors**
-  **2x HDMI Ports and USB power output for maximum flexibility**



The Optoma HE35 data projector delivers an amazing 3500 lumens image along with a class-leading 20,000:1 contrast ratio for bright presentations with rich, accurate colors and mind-blowing detail.

The HE35 is well equipped with 2x HDMI 1.4a ports, 8000 hour lamp life, and BrilliantColor; in addition to delivering 3500 lumen 1080p image that will leave viewers in complete awe. The HE35 is engineered for educators and corporate professionals looking to project powerpoint presentations, spreadsheets and other rich media content in glorious high resolution 1080p. The HE35's small form factor is robust and flexible, meeting the portability needs of today's road warrior.

MHL 1.2 support enables the use of video display dongles and adapters from various manufacturers, allowing presenters to create an inviting and collaborative presentation environment.

CONNECTIVITY (May require optional accessories)



Powerful 1080p Presentation Projection - HE35

OPTICAL/TECHNICAL SPECIFICATIONS

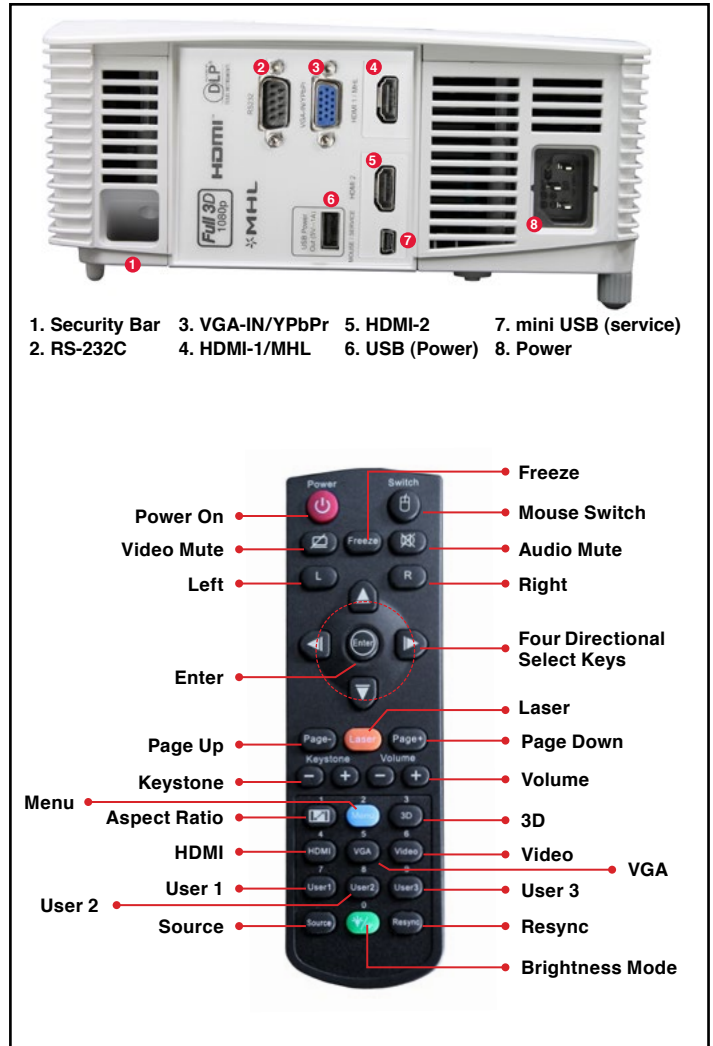
Display Technology	Single 0.65" DC3 DMD DLP® Technology by Texas Instruments™
Native Resolution	Full HD 1080p (1920 x 1080)
Maximum Resolution	Video Timing Max: 1080p Graphics Resolution Max: 1920 x 1200 (WUXGA)
Brightness	3500 lumens
Contrast Ratio	20,000:1
Displayable Colors	1.07 Billion
Lamp Life and Type¹	8000/6500/6000/4000 (ECO+/Bright+Dynamic Dimming/ECO/Bright) ²
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	±30° Vertical
Uniformity	>75%
Offset	116%
Aspect Ratio	16:9 (Native), 4:3 compatible, LBX, Auto
Throw Ratio	1.48–1.62 (Distance/Width); ±5% Variance
Projection Distance	4'11"–32'10" (1.5–10 m)
Image Size	41.8"–305" (1.16–7.7 m)
Projection Lens	F=2.55–2.67, f=21.9–24 mm, Manual Focus
Optical Zoom	1.1x
Digital Zoom	0.8~2.0x
Audio	10-Watt speaker
Noise Level	26dB
Remote Control	IR remote control
Operating Temperature	5~40°C (Bright mode and ECO mode)
Power Supply	AC Input 100–240V, 50–60Hz, auto-switching
Power Consumption	279W Max/254W Typical (Bright mode) and 216W Max/196W Typical (ECO mode)
High Altitude	Operating Temp @ Sea Level to 10000 feet = 23C (max); must manually switch to high altitude mode @ 5000 feet & above (using OSD)

COMPATIBILITY 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 for 3D)
Horizontal Scan Rate	15.375–91.146KHz
User Controls	Complete on-screen menu, adjustments in 27 languages
I/O Connection Ports	2x HDMI, VGA-In, mini USB (Service Only), RS-232C, USB (Power Only)

PHYSICAL SPECIFICATIONS

Security	Kensington® lock, security bar and keypad lock
Weight	5.7 lb (2.6 kg)
Dimensions (W x H x D)	12.4" x 3.9" x 8.8" (315 x 99 x 224 mm)



Warranty

3-Year Express Service, 1-Year on Lamp

What's in the Box (Standard Accessories)

HE35 Projector, AC Power Cord, VGA Cable, Remote Control, Batteries for Remote, Lens Cap, Carrying Case, Multilingual CD-ROM User's Manual, Quick Start Guide, and Warranty Card

Optional Accessories

Universal ceiling mount, Optoma screen, wireless HDMI system, Cat6 HDBaseT kit, DLP® Link™ 3D glasses and VGA dongle

Accessory Part Numbers

Lamp: SP.70201GC01	Remote: SP.70103GC01
DLP® Link™ 3D Glasses: ZD302	VGA dongle: BI-EXTBG03
Single-Cat6 HDBaseT kit: EVBMN-M110	Wireless HDMI system: WHD200
Universal ceiling mount: OCM818W-RU	Universal ceiling mount: BM-5001U
Universal ceiling mount: OCM815B	Carrying case: SP.8VH03GC01

UPC 796435 44 055 8

www.OptomaUSA.com

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¹Lamp life is dependent on many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time.

²Before ECO+ can be enabled you must enable Dynamic Dimming (under Lamp Settings)

³3D content can be viewed with DLP Link active shutter 3D glasses when projector is used with a compatible 3D player. Please visit www.OptomaUSA.com for more information.