

# Powerful 1080p Presentation Projection EH341



## 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 EH341 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 EH341 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 EH341 is engineered for educators and corporate professionals looking to project powerpoint presentations, spreadsheets and other rich media content in glorious high resolution 1080p. The EH341'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 - EH341

### OPTICAL/TECHNICAL SPECIFICATIONS

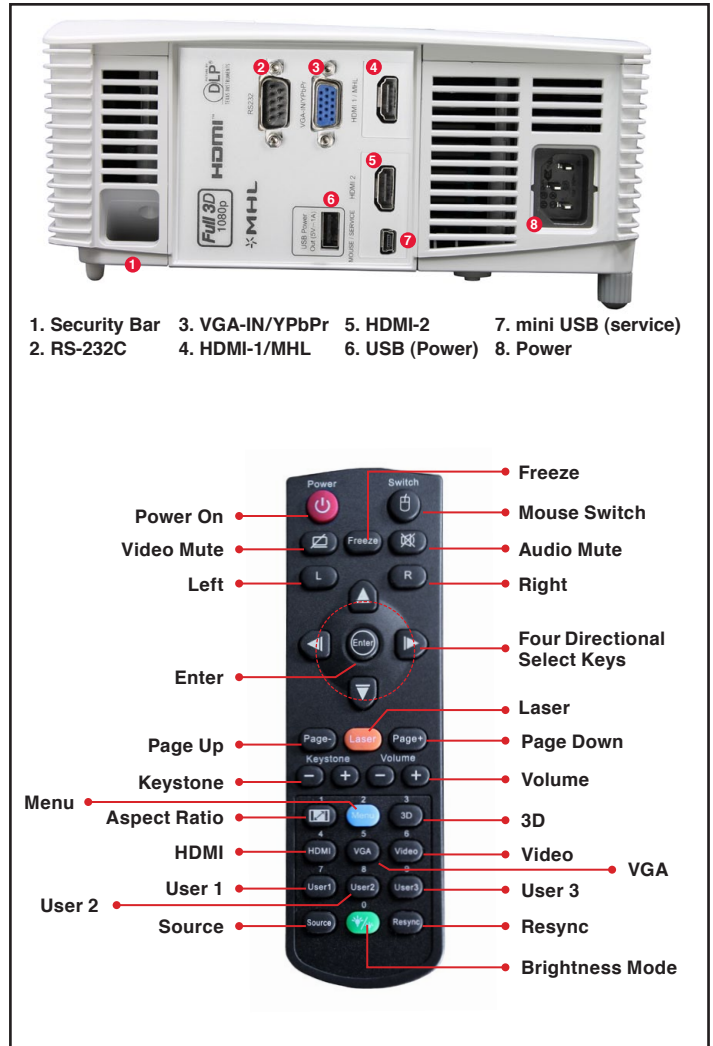
<b>Display Technology</b>	Single 0.65" DC3 DMD DLP® Technology by Texas Instruments™
<b>Native Resolution</b>	Full HD 1080p (1920 x 1080)
<b>Maximum Resolution</b>	Video Timing Max: 1080p Graphics Resolution Max: 1920 x 1200 (WUXGA)
<b>Brightness</b>	3500 lumens
<b>Contrast Ratio</b>	20,000:1
<b>Displayable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

### COMPATIBILITY SPECIFICATIONS

<b>Computer Compatibility</b>	WUXGA, UXGA, SXGA+, WXGA+, WXGA, SXGA, XGA, SVGA, VGA
<b>Video Compatibility</b>	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
<b>3D Compatibility<sup>†</sup></b>	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.
<b>Vertical Scan Rate</b>	24–85Hz, (120Hz for 3D)
<b>Horizontal Scan Rate</b>	15.375–91.146KHz
<b>User Controls</b>	Complete on-screen menu, adjustments in 27 languages
<b>I/O Connection Ports</b>	2x HDMI, VGA-In, mini USB (Service Only), RS-232C, USB (Power Only)

### PHYSICAL SPECIFICATIONS

<b>Security</b>	Kensington® lock, security bar and keypad lock
<b>Weight</b>	5.7 lb (2.6 kg)
<b>Dimensions (W x H x D)</b>	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)

EH341 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 41 992 9

www.OptomaUSA.com



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

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

<sup>3</sup>3D 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.