EH341

Powerful 1080p, Bright and Portable

- Bright vivid colours – 3500 ANSI lumens

- High contrast - 20,000:1 contrast ratio

- Full HD 1080p image quality

- Easy connectivity - 2x HDMI and MHL support and built-in 10W speaker

DLP TEXAS INSTRUMENTS | HDMI™ HIGH DEFINITION MULTIMEDIA INTERFACE | AMX | Full HD 1080p | Full 3D | Eco⁺ | BrilliantColor | 5 YEARS | Project Green

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.

High Contrast

Add more depth to your image with a high contrast projector; with brighter whites and ultra-rich blacks, images come alive and text appears crisp and clear - ideal for business and education applications.

Eco+ technology brings together high contrast, improved lamp life and energy saving features that are easy to use while reducing power consumption.

Full 3D

Optoma projectors can display true 3D content from almost any 3D source, including 3D Blu-ray players, 3D broadcasting and the latest generation games consoles. Support for 144Hz rapid refresh rate provides ultra-smooth flicker free images.

Integrated speaker

The built-in speaker offers excellent audio support. Easy to set up without the need for costly external speakers.

Eco+

Energy saving

Using the specially designed lamp modes, you can reduce the power consumption by up to 70%. Each mode also has a positive effect on the lamp life, while lowering the total cost of ownership and reducing maintenance.

Auto power off

There may be instances when the projector is left running when not in use. To help save energy, the "Auto Power Off" feature automatically turns off the projector after a set period of time if it is not being used

Eco AV mute

Stay in control of your presentation with Eco AV mute. Direct your audience's attention away from the screen by blanking the image when no longer needed. This also reduces the power consumption by up to 70%, further prolonging the life of your lamp.

USB power

Use the USB-Power to power an HDMI dongle, such as Google Chromecast or the Optoma WHD200 wireless HDMI device.

Quick resume

This feature allows the projector to be instantly powered on again, if it is accidentally switched off.

Reduce the number of lamp changes with lamp life of up to 8000 hours[2]

Control

Featuring a wide range of options you can remotely control and monitor the projector.

RS232

Optoma projector's come with an extensive set of RS232 commands making it simple and easy to manage using any control system.

AMX Compatibility

Dynamic discovery protocol is incorporated into the projector allowing for easy installation with AMX control systems.

Amazing colours

For vibrant, natural looking images, Optoma projectors incorporate BrilliantColor™ multi-colour processing technology.

without   with

MHL connectivity

Turn your projector into a smart display by connecting your smartphone or tablet with a single cable using MHL; now you can view presentations and documents, stream videos and share photos on the big screen.

Full HD 1080p

1080p resolution gives you sharp and detailed images from HD content without downscaling or compression; perfect for watching Blu-ray movies, HD broadcasting and playing video games.

Wireless presenting (optional extra)

Making presentations couldn't be easier using the optional wireless features of the WPS Wireless Adapter (sold separately) - you can connect and display presentations wirelessly from a laptop, PC or mobile device.

EH341 Specification

Display Technology	Single 0.65" DC3 DMD DLP® Technology by Texas Instruments™
Native Resolution	1080p 1920 x 1080
Brightness	3500 ANSI Lumens
Contrast Ratio	20,000:1
Noise Level (Eco mode)	26dB
Weight	2.6
I/O Connectors	2x HDMI, VGA-In, mini USB (Service Only), RS-232C, USB (Power Only)
Maximum Resolution	Video Timing Max: 1080p Graphics Resolution Max: 1920 x 1200 (WUXGA)
Computer Compatibility	WUXGA, UXGA, SXGA+, WXGA+, WXGA, SXGA, XGA, SVGA, VGA
Video Compatibility	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
Displayable Colors	1.07 Billion
Projection Lens	F=2.55–2.67, f=21.9–24 mm, Manual Focus
Throw Ratio	1.48–1.62 (Distance/Width); ±5% Variance
Projection Distance	59'–394' (1.5–10 m)
Zoom Type	1.1x Manual
Aspect Ratio	16:9 (Native), 4:3 compatible, LBX, Auto
Offset	116%
Horizontal Scan Rate	15.375–91.146KHz
Vertical Scan Rate	24–85Hz, (120Hz for 3D)
Lamp Type	P-VIP 210W Lamp
Lamp Life[2] Eco+/Dynamic/Eco/Bright	8000/6500/6000/4000 (hrs)
Keystone Correction	±30° Vertical
Audio	10-Watt speaker
Dimensions (W x H x D)	12.4" x 8.8"x 3.9" (315 x 224 x 99 mm)
Remote Control	IR remote control
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)
Uniformity	>75%
Security	Kensington® lock, security bar and keypad lock
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
RoHS	Compliant
3D Support	Full 3D - The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 are now supported as part of the HDMI v1.4a specification.
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.
Speaker (Watts)	10
Operating Temperature	5~40°C (Bright mode and ECO mode)
On Screen Display	27 Languages: English, French, German, Spanish, Italian, Portuguese, Dutch, Swedish, Finnish, Greek, Danish, Norwegian, Polish, Russian, Simplified_Chinese, Traditional_Chinese, Korean, Arabic, Japanese, Thai, Hungarian, Czechoslovak, Turkish, Vietnamese, Farsi, Romanian, Indonesian
Optional Wireless	Yes
Warranty	3-Year Express Service, 1-Year on Lamp
Projection method	Front, rear, ceiling mount, table top

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