Optoma

EH1060
DLP® Projector

Make a bright detailed impact

- Full HD 1080p for detail and clarity
- Bright projection – 3500 ANSI Lumens
- Digital connectivity, dual HDMI – perfect Full HD display
- Crestron RoomView® – RJ45 control and monitoring
- Quiet operation – less than 30dB
- Portable – carry bag provided for easy transportation
- Environmentally friendly design <1W standby mode
- Optoma EH1060 filter-free design – virtually no maintenance

BrilliantColor™

5 year IMAGER GUARANTEE

5 YEARS COLOUR GUARANTEED

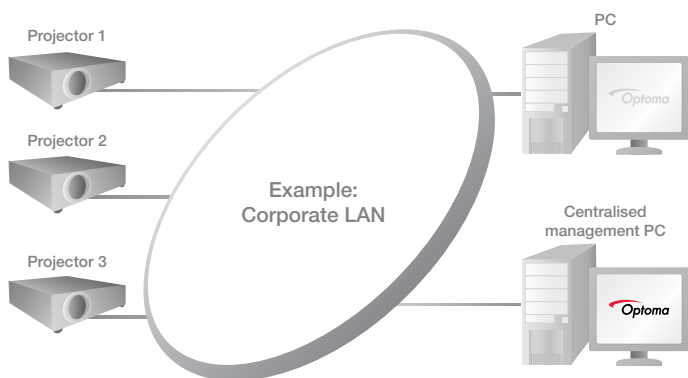**Full HD 1080p**

CRESTRON RoomView® connected

EH1060

Full HD, the EH1060 produces crystal clear, bright images, perfect for projection for a board range of applications including technical, advertising media and medical uses where detail matters. The versatile EH1060 incorporates networking and extensive connectivity.

The environmentally friendly EH1060 has energy saving features including <1W standby mode and auto power off saving you both time and money. Our unique Optoma Colour and Imager guarantees ensure hassle-free, long-lasting projection.

CRESTRON ROOMVIEW® - NETWORK CONTROL

RoomView® software provides a custom configurable interface to monitor, manage and control every device in every room remotely from any computer.

- Manage up to 250 projectors at the same time (via master PC)
- Control and alter the projector settings using a simple web browser page
- Instant onscreen display of messages to all projectors
- Set up email alerts for warning messages
- Ideal for large installations in both in the educational and business environments

RS232 CONTROL

The extensive RS232 command set makes it simple and easy to control the EH1060 with any control system.

AMX Compatibility – Dynamic Discovery

Protocol is incorporated into the EH1060. This feature allows for easy installation with AMX control systems.
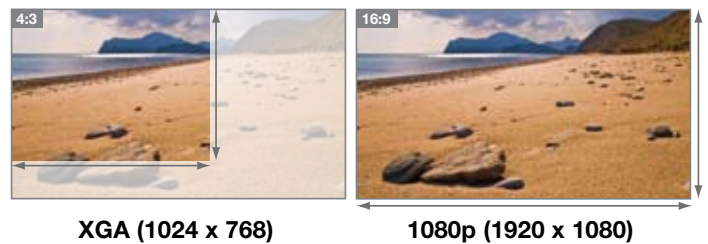
EXTENSIVE CONNECTIVITY

This native 1080p projector accepts a wide variety of computer and video input signals.

Connectivity includes: dual HDMI, VGA (SCART/ Component via adaptor), S-Video, Composite, VGA-Out, RS232 , RJ45 and +12V trigger.

Two audio inputs for individual PC and video connections enable the EH1060 to function as an audio switcher and volume controller, thereby eliminating complicated and costly additional audio hardware and cabling.

FULL HD

Full HD (1920 x 1080) has twice the resolution of standard HD. EH1060 is compatible with HDTV broadcasts and high–definition DVDs to project impressive full 1080p images and video in their original digital brilliance.
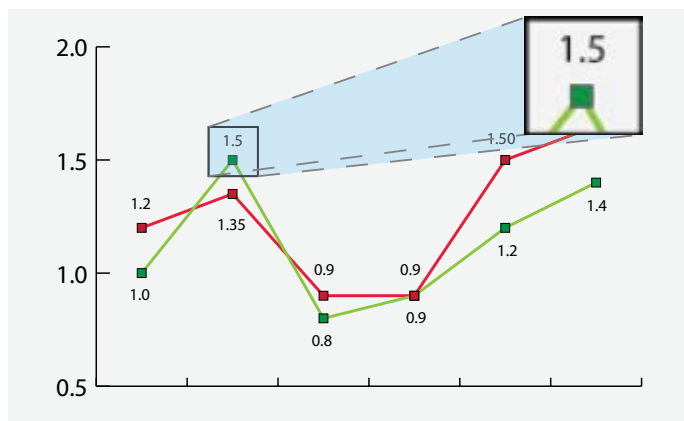

XGA (1024 x 768) **1080p (1920 x 1080)**

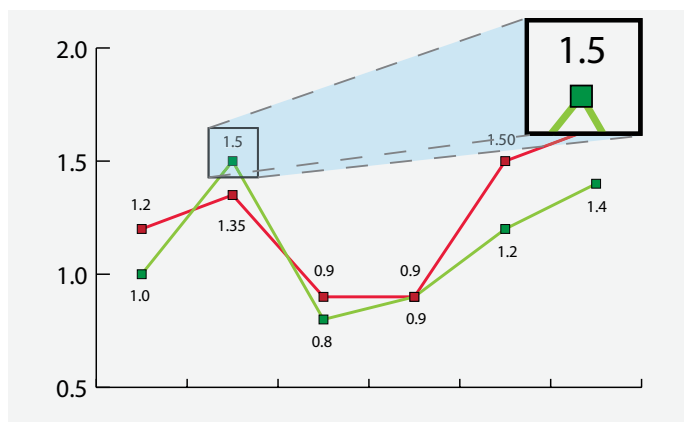| RESOLUTION COMPARISION						
		PC Compatibility				Video Compatibility	
Projector Resolution		XGA 1024 x 768	WXGA 1280 x 800	SXGA 1280 x 1024	SXGA+ 1400 x 1050	HD Ready (720p)	Full HD (1080p)
XGA	1024 x 768	✓	-	-	-	-	-
720p	1280 x 720	-	-	-	-	✓	-
WXGA	1280 x 800	✓	✓	-	-	✓	-
1080p	1920 x 1080	✓	✓	✓	✓	✓	✓

STUNNING IMAGE QUALITY

Full HD 1080p technology delivers impeccable image quality associated with the best digital cinema performance around the world. Digital HDMI or DVI signal creates a true digital projection system that produces a spectacular High Definition display. This unprecedented combination ensures natural, life-like images with crystal clarity.

XGA Resolution

1080p Resolution

AMAZING COLOURS

The EH1060 incorporates BrilliantColor™ technology to produce stunningly bright images with perfectly balanced life-like colours.

COLOUR AND IMAGER GUARANTEE

Bright colours and fantastic image quality are guaranteed for an amazing 5 years after purchase - giving piece of mind that the technology inside the Optoma EH1060 projector won't fade or degrade.

VIRTUALLY MAINTENANCE FREE = LOWER COST OF OWNERSHIP

EH1060 provides lower cost of ownership, longer life and improved reliability. The filter-free projector design does not require regular filter cleaning or filter replacement, saving you time and money.

ENVIROMENTALLY FRIENDLY

The EH1060 incorporates energy saving features to conserve power and extend the lamp life:

To achieve the maximum 3000hrs** lamp life time the projector should be operating in STD mode and the shut down timer should be enabled to automatically switch off the projector if it is accidentally left on when no longer required. Enabling the <1W Standby mode will ensure the minimum energy consumption when the projector is not being used.

FEATURES

- **Easy lamp replacement from the top cover**
- **Direct power on** – start up time is significantly reduced as standby mode is passed over which the projector is turned on. The projector will power on when the power cable is inserted into an active power outlet. This eliminates the need to use the 'Power' button on the remote control or the projector keypad.
- **Signal Power On** – The projector will power on when it receives a signal. This eliminates the need to use the 'Power' button on the remote control or the projector keypad.
- **Auto power off** – if after a pre-determined time the projector does receive a signal, it will turn itself off automatically, conserving power and extending the life of the lamp.
- **Key pad lock** – prevents once enabled unauthorised adjustments ensuring the projector can only be controlled via the remote control.
- **+12v Trigger** – electric screen control
- **Customised start up logo**
- Easy to use remote with laser pointer, mouse control and direct source selection

EH1060 SPECIFICATIONS

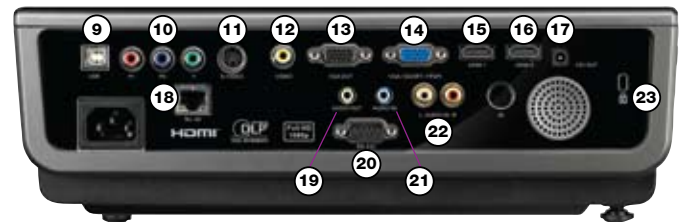|	
Native Resolution	1080p 1920 x 1080
Brightness - BRIGHT mode	3500 ANSI Lumens
Contrast	2500:1
Noise Level	28/30dB (STD/BRIGHT mode)
Display Technology	Single 0.65" 1080p DC2 DMD chip DLP® Technology by Texas Instruments
Throw Ratio	1.59 - 1.91:1 (Projection Distance:Image Width)
Projection Lens	F/2.5~2.76; f=23.5~28.2mm, 1.2x Manual Zoom
Projection Distance	1.2 - 12m
Image Size	0.72 – 8.67m (28.41" - 341.28") Diagonal 16:9
Offset	115%
Weight / Dimensions (W x D x H)	3.5 kg / 326 x 259 x 109mm
Lamp Life**	3000/2000 (STD/BRIGHT mode)
Remote Control	Full function remote with laser pointer, mouse control and direct source selecting
INPUTS	2 x HDMI (HDCP) - audio supported 15 Pin D-Sub VGA (SCART/Component via adaptor) Component Video RCA S-Video 4 Pin Mini Din Composite RCA 3.5mm Audio Mini Jack - Audio computer inputs Stereo RCA - Audio video inputs USB (remote mouse)
CONTROL	RS232 - 9 Pin D-sub RJ45
OUTPUT	15 Pin D-Sub VGA Stereo Audio Mini Jack +12v Trigger
Audio	3W Speaker
Aspect Ratio	16:9 Native, 16:10/4:3 Compatible
Keystone Correction	± 15° Vertical
On Screen Display	17 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian/Danish, Hungarian, Czech, Turkish & Arabic
Compatible Resolutions	UXGA, SXGA+, WXGA, HD, XGA, SVGA
Video Compatibility	PAL SECAM 576i/p, NTSC 480i/p, HD 720p/1080i/1080p
Uniformity	85%
Displayable Colours	1.07 Billion
Horizontal Scan Rate	15 - 91kHz
Vertical Scan Rate	25 - 85Hz
Power Supply	100 - 240V, 50 - 60Hz
Power Consumption	350W BRIGHT mode < 1W Standby mode 290W STD mode < 1W Standby mode"
Operating Conditions	Operating: 5 - 40°C, 85% Humidity (Max), 3000m Altitude (Max)
Security	Kensington Lock Port, Password Protection
Standard Accessories	Soft Carry Bag, Lens Cover, AC Power Cord, VGA Cable, Full Function Remote, Batteries x 2, Quick Start Guide, CD User Manual, Warranty Card, WEEE Card
RoHS	Compliant
Lamp Warranty	6 months or 1000 hours - whichever comes sooner
Warranty	Warranty may vary by country. Please see www.optomaeurope.com or ask your local supplier for details
Colour Guarantee*	5 Years
Imager Guarantee***	5 Years

EASY TO USE REMOTE CONTROL

EH1060 Remote Control
1. Laser
2. Remote Mouse
3. Page Up/Down Control
4. Vertical Keystone Correction
5. Volume Control
6. Freeze
7. AV Mute
8. Direct Input Source Selection

EH1060 Connections
9. USB (Remote Mouse)
10. Component Video
11. S-Video
12. Composite Video
13. VGA Out
14. VGA - SCART & Component
15. HDMI 1 (audio supported)
16. HDMI 2 (audio supported)
17. +12v Trigger
18. RJ45
19. Audio Out
20. RS232
21. Audio In (VGA)
22. Audio In (S-Video & Composite)
23. Kensington™ Lock

Exceptional Connectivity/Multiple Terminals

Easy to use remote with buttons to change the input sources

EH1060 Projection Distance 1.2 - 12m (16:9 Aspect Ratio)

Projection Distance (m)	Max. Horizontal Image Size (m)	Min. Horizontal Image Size (m)	Max. Vertical Image Size (m)	Min. Vertical Image Size (m)	Max Diagonal Image Size (m)	Max Diagonal Image Size (inch)	Max. Image Offset (m)
1.20	0.75	0.63	0.43	0.35	0.87	34.13	0.06
2.00	1.26	1.05	0.71	0.59	1.44	56.88	0.11
2.50	1.57	1.31	0.89	0.74	1.81	71.10	0.13
3.00	1.89	1.57	1.07	0.89	2.17	85.32	0.16
4.00	2.52	2.09	1.42	1.18	2.89	113.76	0.21
5.00	3.14	2.62	1.78	1.48	3.61	142.20	0.27
6.00	3.77	3.14	2.13	1.77	4.33	170.64	0.32
7.00	4.40	3.66	2.49	2.07	5.06	199.08	0.37
8.00	5.03	4.19	2.84	2.37	5.78	227.52	0.43
9.00	5.66	4.71	3.20	2.66	6.50	255.96	0.48
10.00	6.29	5.24	3.55	2.96	7.22	284.40	0.53
11.00	6.92	5.76	3.91	3.25	7.95	312.84	0.59
12.00	7.55	6.28	4.26	3.55	8.67	341.28	0.64

For guide purposes only

EH1060 is capable of 4:3/16:10 aspect ratio projection. When projecting a 4:3/16:10 image the image sizes, screen height and offset information will differ from the above.

Panoview
Optoma recommended Screens
www.panoview.eu

PICTURE BY
DLP
TEXAS INSTRUMENTS