

## **EH2060** DLP® Projector

# Make a **bright** detailed impact

- Full HD 1080p for detail and clarity
- Bright projection – 4000 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 < 0.5 W standby mode
- Optoma EH2060 filter-free design – virtually no maintenance



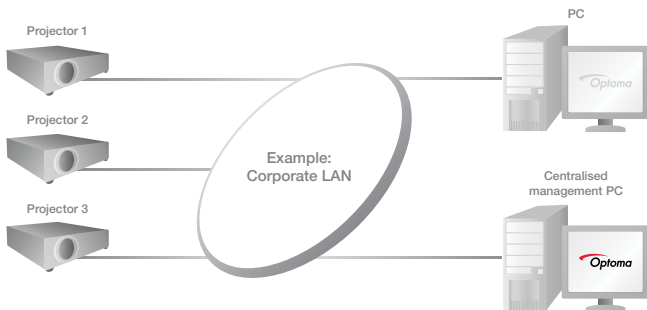
Full HD, the EH2060 produces crystal clear, bright images, perfect for projection for a broad range of applications including technical, advertising media and medical uses where detail really matters. The versatile EH2060 also incorporates networking and extensive connectivity.

The environmentally friendly EH2060 has energy saving features including < 0.5 W standby mode and auto power off saving you both time and money. Our unique Optoma Colour guarantee ensures 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, including OSD menu control.
- Set up email alerts for warning messages
- Ideal for large installations in both in the educational and business environments





Download Crestron RoomView® Express software from:  
[www.crestron.com/getroomview](http://www.crestron.com/getroomview)

## RS232 CONTROL

The extensive RS232 command set makes it simple and easy to control the EH2060 with any control system.

## AMX Compatibility – Dynamic Discovery

Protocol is incorporated into the EH2060. 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/ YPbPr via adaptor), Component video, S-Video, Composite, VGA-Out, RS232, RJ45 and +12V trigger.

Two audio inputs for individual PC and video connections enable the EH2060 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 more than twice the resolution of HD Ready (1280 x 720). EH2060 is compatible with HDTV broadcasts and high-definition media to project impressive full 1080p images and video in their original digital brilliance.



**XGA (1024 x 768)**

**1080p (1920 x 1080)**

### RESOLUTION COMPARISON

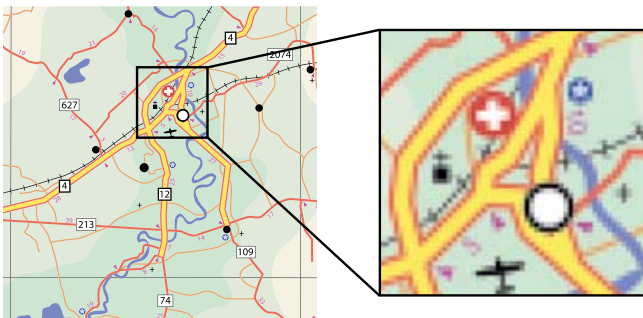
		PC Compatibility					Video Compatibility		
		XGA 1024 x 768	WXGA 1280 x 800	SXGA 1280 x 1024	SXGA+ 1400 x 1050	Full HD 1920x1080	HD Ready (720p)	Full HD (1080p)	
Projector Resolution		XGA	1024 x 768	✓	-	-	-	-	-
	720p	1280 x 720	-	-	-	-	✓	-	-
	WXGA	1280 x 800	✓	✓	-	-	✓	-	-
	1080p	1920 x 1080	✓	✓	✓	✓	✓	✓	✓



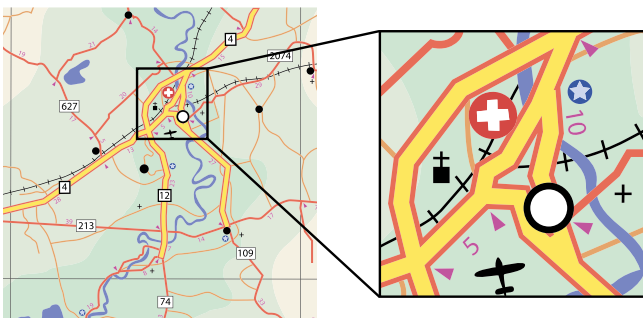
## STUNNING IMAGE QUALITY

Full HD 1080p technology delivers impeccable image quality associated with the best digital cinema performance around the world. Digital HDMI or DVI signals create 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 EH2060 incorporates BrilliantColor™ technology to produce stunningly bright images with perfectly balanced life-like colours.

## COLOUR GUARANTEE

We are so confident that the EH2060 image colour quality will remain as good as the day you bought it that Optoma will guarantee it for five years.



## VIRTUALLY MAINTENANCE FREE = LOWER COST OF OWNERSHIP

EH2060 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.



We know that improving our products is the best way to reduce our impact on the environment. That's why at Optoma, we design our products to have a long usable life, use fewer materials, ship with the minimum packaging and be free of all possible toxic substances. Naturally, energy efficiency and being recyclable are built in at the design stage. With each new product, we strive towards minimising our environmental impact. For full details of Optoma Project Green please visit our website.

## ENVIRONMENTALLY FRIENDLY

The EH2060 incorporates energy saving features to conserve power and extend the lamp life:



To achieve the maximum 3000hrs<sup>2</sup> lamp life time the projector should be operating in ECO 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 < 0.5 W Standby mode will ensure the minimum energy consumption when the projector is not being used.

## EXTRA FEATURES

- **Easy lamp replacement from the top cover**
- **Direct power on** – start up time is significantly reduced as standby mode is bypassed 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 not receive a signal, it will turn itself off automatically, conserving power and extending the life of the lamp.
- **Key pad lock** – once enabled prevents unauthorised adjustments ensuring the projector can only be controlled via the remote control.
- **+12v Trigger** – electric screen control
- **Logo capture** – customise your start up screen
- Easy to use remote with laser pointer, mouse control and direct source selection

## EH2060 SPECIFICATIONS

Native Resolution	1080p 1920 x 1080
Brightness - BRIGHT mode <sup>1</sup>	4000 ANSI Lumens
Contrast	2500:1
Noise Level	28/30dB (ECO/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 <sup>2</sup>	3000/2000 (ECO/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 [Operation during standby mode - ECO standby must be set to off]
OUTPUT	15 Pin D-Sub VGA [Operation during standby mode - ECO standby must be set to off] 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	380W BRIGHT mode < 0.5 W Standby mode 320W ECO mode < 0.5 W Standby mode
Operating Conditions	Operating: 5 - 40°C, 85% Humidity (Max), 3000m Altitude (Max)
Security	Kensington Lock Port, Password Protection, Keypad Lock
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
Warranty / Lamp Warranty	Warranty may vary by country. Please see <a href="http://www.optoma.europa.com">www.optoma.europa.com</a> or ask your local supplier for details
Colour Guarantee <sup>3</sup>	5 Years

## EASY TO USE REMOTE CONTROL

### EH2060 Remote Control

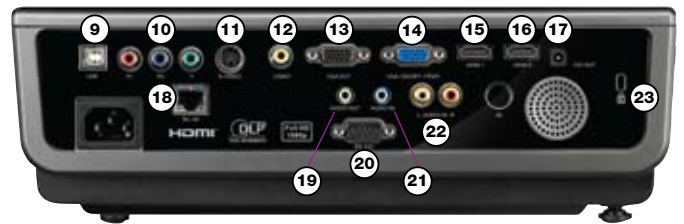
- 1 Laser
- 2 Remote Mouse
- 3 Page Up/Down Control
- 4 Vertical Keystone Correction
- 5 Volume Control
- 6 Freeze
- 7 AV Mute
- 8 Direct Input Source Selection



### EH2060 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**



EH2060 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

For guide purposes only

EH2060 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.

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<sup>1</sup>Brightness and lamp lifetime will vary depending on selected projector mode, environmental conditions and usage. As is common with all lamp based projectors, brightness will decrease over the lamp lifetime. <sup>2</sup>Typical lamp life achieved through testing. Will vary according to operational use and environmental conditions. <sup>3</sup>Optoma guarantees that in normal use, Optoma DLP® colour quality will be indistinguishable from when new. Exclusions: (a) Guarantee is voided if the projector is subject to damage through misuse. (b) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is excessive (c) Guarantee will not apply if lamp brightness is below 50% due to wear or if the projector is not working due to other faults. (d) Over time warm lamps within all projector types will show a slight colour variance. Copyright © 2012, Optoma Europe Ltd. All other product names and company names used herein are for identification purposes only and may be trademarks or registered trademarks of their respective owners. Crestron®, the Crestron and RoomView® logo are registered trademarks of Crestron Electronics, Inc. Errors and omissions excepted, all specifications are subject to change without notice. DLP®, BrilliantColor™ and the DLP logo are registered trademarks of Texas Instruments. Some images may be simulated. All images of products are for representation purposes only. Whilst every care is taken to provide accurate images of our products, actual products may differ slightly. Some product images may have been digitally altered by us to add an Optoma logo to the front panel. Optoma reserves the right to amend or alter actual product or product images without notice. Some images may be simulated.