EH465

Full HD 1080p, Bright and Powerful

- **Extraordinarily bright 1080p projector - 4,800 ANSI Lumens**

- **Simple install in any environment with 1.5x zoom & 4 corner correction**

- **Extensive connectivity – 2x HDMI + MHL, RJ45, USB Power, 12V Trigger & more**

- **Quality audio featuring 10W speaker**

The bright 4,800 lumen 1080p Optoma EH465 is the ultimate projector for classrooms, boardrooms and multipurpose offices. Its 20,000:1 contrast ratio, sRGB and REC.709 color profile support produce luminous images with accurate colors visible practically any time of day.

A PC-free image viewer and document reader displays office documents, PDFs and images from USB storage devices. Optional UHDCast Pro connectivity provides wireless screen mirroring with Android, Mac OS and Windows devices.

Specifications

Display/image
Display technology	DLP™
Resolution	1080p Full HD (1920x1080)
Brightness	4,800 lumens
Contrast ratio	20,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3
Keystone correction - horizontal	+/-25°
Keystone correction - vertical	+/-30°
Horizontal scan rate	15.375 ~ 91.146Khz
Vertical scan rate	24 ~ 85(120 for 3D)Hz
Uniformity	75%
Screen size	25.9" ~ 324.9" diagonal

Lamp info
Light source type	Lamp
Lamp watts	285
Lamp life hours (up to)	2500 (Bright), 4500 (Dynamic), 3500 (Eco), 4500 (Eco+)

Optical
Throw ratio	1.39:1 ~ 2.09:1
Projection distance	47.24" - 393.7"
Zoom	1.5
Zoom type	Manual
Focal length (mm)	20.7 ~ 31.05
Native offset	115%

Connectivity
Connections	**Inputs** 1 x HDMI 1.4a 3D support, 1 x HDMI 1.4a 3D support + MHL, 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x USB-A reader
	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm
	Control 1 x USB-A wireless, 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x mini USB mouse/service

General
Noise level (typical)	31dB
Noise level (max)	37dB
PC compatibility	FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
2D compatibility	NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H/I/M/N, 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz)
3D compatibility	Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
3D	Full 3D
Security	Security bar, Kensington Lock, Password protected interface
OSD / display languages	25 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese
Operating conditions	5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m
Remote control	Data remote with laser and mouse function
Speaker count	1
Watts per speaker	10W
In the box	EH465 Projector, AC power cord, remote control, batteries for remote, quick start user manual
Optional wireless models	QuickCast Bundle, QuickCast starter kit, WHD200, WUSB

Networking
LAN - control	Yes
LAN - display	Yes
LAN - wireless networking	Yes - optional

Power
Power supply	100 ~ 240V, 50 ~ 60Hz
Power consumption (standby)	0.5W
Power consumption (min)	300W
Power consumption (max)	390W

Weight and dimensions
Dimensions (W x D x H)	13.58" x 8.5" x 4.29"
Gross weight	9.11 lbs
Net weight	6.5 lbs