EH400

Bright and portable

- **Bright Full HD 1080p projector – 4000 ANSI lumens**
- **Easy connectivity - HDMI, VGA, USB-A Power, 2W speaker**
- **Low ownership costs - up to 10,000 hours[2] lamp life**
- **Lightweight and portable**

Transform the delivery of your presentation with the first ever 4,000 lumen, 1080p, lightweight EH400 projector. This model is designed to be used at any time of day and for multiple purposes, including professional use - from business meetings to classrooms. It offers top quality projected colours, long lamp life with a low overall cost of ownership.

This full HD product boasts simplicity in design, with easy navigation and reliability. Convenient, with multiple inputs including HDMI and MHL, this projector is ideal for connecting HDMI dongles such as the Google Chromecast and the Optoma HDCast Pro enabling you to connect your laptop, PC or Blu-ray player. This compact model can either be installed or conveniently taken on the move.

Specifications

Display/image

Display technology	DLP
Resolution	1080p Full HD (1920x1080)
Brightness	4,000 lumens
Contrast ratio	22,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3
Keystone correction - vertical	40
Horizontal scan rate	15.3 ~ 91.1Khz
Vertical scan rate	24 ~ 85(120 for 3D)Hz
Uniformity	75%
Screen size	0.71m - 7.75m (27.88in - 305.3in)(Diagonal)

Lamp info

Light source	Lamp
Lamp watts	220
Lamp life (hours)	5000 (Bright), 6500 (Dynamic), 6000 (Eco), 7000 (Eco+), 10000 (Education)
Lamp life (education)	10,000 hours

Optical

Throw ratio	1.47:1 - 1.63:1
Projection distance (m)	1.2m - 12m
Zoom	1.1
Zoom type	Manual
Focal length (mm)	21.86 ~ 24
Native offset	115%

Connectivity

Connections	**Inputs** 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 1 x Composite video, 1 x Audio 3.5mm, 1 x HDMI 1.4a 3D support + MHL
	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x USB-A power 1A
	Control 1 x RS232

General

Noise level (typical)	29dB
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	Card style
Speaker count	1
Watts per speaker	2W
In the box	AC power cord
	Remote control
	Battery
	Basic user manual

Power

Power supply	100 ~ 240V, 50 ~ 60Hz
Power consumption (standby)	0.5W
Power consumption (min)	204W
Power consumption (max)	266W

Weight and dimensions

Net weight	2.41kg
Dimensions (W x D x H) (mm)	298 x 230 x 96