EH345

Full HD 1080p, bright and powerful

- **Bright 1080p projector – 3200 ANSI lumens**

- **Installation flexibility – 1.3x zoom**

- **Amazing colour - Accurate sRGB colour space**

- **Easy connectivity - HDMI, VGA, USB Power, 10W speaker**

Make your presentations count regardless of the ambient light level using the Full HD 1080p EH345. Designed for education and business environments this powerful projector is perfect for installation. It is also has long lamp life and energy-saving features to provide you with a low overall cost of ownership.

Easy to connect to with multiple inputs including two HDMI, MHL, VGA and a built-in 10W speaker. You can even present wirelessly using the HDCast Pro (sold separately) or use the USB Power to connect and power HDMI dongles such as the Google Chromecast.

Specifications

Display/image

Display technology	DLP
Resolution	1080p Full HD (1920x1080)
Brightness	3,200 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	1.01m ~ 7.62m (39.92" ~ 299.81") (diagonal)

Lamp info

Light source type	Lamp
Lamp watts	195
Lamp life (hours)	5000 (Bright), 7000 (Dynamic), 6000 (Eco), 8000 (Eco+), 10000 (Education)
Lamp life (education)	10,000 hours

Optical

Throw ratio	1.13:1 - 1.47:1
Projection distance (m)	1.3m - 9.76m
Zoom	1.3
Zoom type	Manual
Focal length (mm)	16.91 ~ 21.6
Native offset	116%

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	WUXGA, 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, (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	AC power cord Remote control 2x AAA batteries Basic user manual

Power

Power supply	100 ~ 240V, 50 ~ 60Hz
Power consumption (standby)	0.5W
Power consumption (min)	192W
Power consumption (max)	232W

Weight and dimensions

Net weight	2.47kg
Dimensions (W x D x H) mm	298 x 230 x 96