EH320USTi

1080p Ultra Short Throw Interactive Projector

- **TouchBeam finger touch interactive**

- **Bright Full HD 1080p projector - 4000 ANSI lumens**

- **Ultra short throw lens - 100" image from less than half a metre away**

- **Ultimate Control - Crestron, Extron, AMX, PJ-Link and Telnet LAN commands**

Optoma's 1080p ultra short throw interactive projector, the EH320USTi, is perfect for businesses, schools and colleges. It is bright (4,000 lumens) and uses a new generation of TouchBeam finger-touch interactive technology, enabling several people to work simultaneously on the screen without using a pen. The throw ratio of 0.25:1 means that it can project a 100" image from just 55cm away. Having the projector installed so close to the screen avoids any shadows being cast across the screen from the presenter(s).

It provides a complete package for engaging learning with many new features, including two HDMI inputs, powered USB port, powerful 16W built-in speaker, improved lamp life, compact chassis and a completely new mounting system for a fast and simple set-up.

Specifications

Display/image

Display technology	DLP
Resolution	1080p Full HD (1920x1080)
Brightness	4,000 lumens
Contrast ratio	20,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3
Keystone correction - vertical	+/-5°
Horizontal scan rate	15.3 ~ 91.1Khz
Vertical scan rate	24 ~ 85(120 for 3D)Hz
Uniformity	85%
Screen size	2.03m ~ 2.54m (80" ~ 100") diagonal

Lamp info

Light source type	Lamp
Lamp watts	260
Lamp life hours (up to)	3000 (Bright), 5000 (Dynamic), 5000 (Eco), 6500 (Eco+), 12000 (Education)
Lamp life (education)	12,000 hours

Optical

Throw ratio	0.25:1
Projection distance (m)	0.45m - 0.59m
Zoom type	Fixed
Focal length (mm)	3.72
Native offset	118%

Connectivity

Connections	**Inputs** 2 x HDMI 1.4a 3D support, 2 x VGA (YPbPr/RGB), 1 x Composite video, 1 x Audio 3.5mm, 1 x Audio RCA L&R
	Outputs 1 x VGA shared with VGA2, 1 x Audio 3.5mm, 1 x USB-A power 2A
	Control 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x mini USB mouse/service, 1 x 3D sync

General

Noise level (typical)	28dB
Noise level (max)	30dB
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	24 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish
Operating conditions	5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m
Remote control	Data remote with laser and mouse function
Interactive	TouchBeam
Speaker count	1
Watts per speaker	16W
In the box	AC power cord Remote control 2x AAA batteries Basic user manual TouchBeam module Interactive cable 5m USB cable 2x passive pens
Optional wireless models	HDCast Pro, QuickCast Bundle, QuickCast starter kit, WHD200

Networking

LAN - control	Yes

Power

Power supply	100 ~ 240V, 50 ~ 60Hz
Power consumption (standby)	0.5W
Power consumption (min)	260W
Power consumption (max)	310W

Weight and dimensions

Net weight	4.85kg
Dimensions (W x D x H) mm	385 x 310 x 120