Optoma

# EH415ST
A compact and versatile package

Eco⁺  3D  AUTO OFF

- **Bright Full HD 1080p projector - 3500 ANSI lumens**

- **Short throw lens - 100" image from just over a metre away**

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

- **Easy connectivity - 2x HDMI and built-in 10W speaker**

The EH415ST is designed for delivering superior quality presentations in classrooms, small meeting rooms or training rooms. This full HD 1080p projector offers stunning image performance from a short distance. It also boasts a brightness rating of 3,500 ANSI lumens, which is ideal for use without dimming the lights.

The projector can be managed and monitored remotely with Crestron RoomView®, Telnet, Extron IP Link, AMX and PJ-Link, which allow almost all aspects of the EH415ST to be controlled across a network.

# Specifications

EAN: 5055387628663, Colour: White

## Display/image

| | |
|---|---|
| Display technology | DLP™ |
| Resolution | 1080p Full HD (1920x1080) |
| Brightness | 3,500 lumens |
| Contrast ratio | 15,000:1 |
| Native aspect ratio | 16:9 |
| Aspect ratio - compatible | 4:3 |
| Keystone correction - horizontal | +/-0° |
| Keystone correction - vertical | +/-20° |
| Horizontal scan rate | 15 ~ 91Khz |
| Vertical scan rate | 24 ~ 85(120 for 3D)Hz |
| Uniformity | 85% |
| Screen size | 1.5m ~ 3.86m (59" ~ 152") diagonal |

## Lamp info

| | |
|---|---|
| Light source type | Lamp |
| Lamp watts | 280 |
| Lamp life hours (up to) | 3000 (Bright), 4000 (Eco), 7000 (Eco+), 10000 (Education) |
| Lamp life (education) | 10,000 hours |

## Optical

| | |
|---|---|
| Throw ratio | 0.5:1 |
| Projection distance (m) | 0.66m - 1.69m |
| Zoom type | Fixed |
| Focal length (mm) | 7.28 |
| Native offset | 115% |

## Connectivity

| | |
|---|---|
| Connections | **Inputs** 2 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 1 x Composite video, 1 x Audio 3.5mm, 1 x Audio RCA L&R |
| | **Outputs** 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x USB-A power 1.5A |
| | **Control** 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x mini USB mouse/service |

## General

| | |
|---|---|
| Noise level (typical) | 37dB |
| Noise level (max) | 39dB |
| 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 | 21 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Italian, Norwegian, Polish, Portuguese, Romanian, Russian, Spanish, Swedish, Turkish |
| 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 | Carry bag |
| | Lens cap |
| | AC power cord |
| | Remote control |
| | 2x AAA batteries |
| | Basic user manual |
| 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) | 250W |
| Power consumption (max) | 290W |

## Weight and dimensions

| | |
|---|---|
| Dimensions (W x D x H) mm | 286 x 266 x 124 |
| Gross weight | 5.1 kg |
| Net weight | 3.4 kg |