

# ZH406

Compact high brightness laser projector



- **Bright Full HD 1080p DuraCore laser projector - 4500 ANSI lumens**
- **Versatile - 1.6x zoom, vertical lens shift, portrait mode**
- **Ultimate Control - Crestron, Extron, AMX, PJ-Link and Telnet LAN commands**
- **30,000 hours maintenance-free laser light source**



The ZH406 projector is more convenient than ever with a longer life and a smaller, lighter chassis than ever before. The ZH406 is a low maintenance projector with extremely long-life laser technology offering an impressive 4500lms brightness.

With 1.6 zoom, vertical lens-shift and built in 15W speakers the ZH406 is part of a range a range of products that come with the added control flexibility of Crestron.

# Specifications

EAN: 5055387663374, Colour: White

EAN: 5055387665200, Colour: Black



## Display/image

Display technology	DLP™
Resolution	1080p Full HD (1920x1080)
Brightness	4,500 lumens
Contrast ratio	300,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3
Keystone correction - horizontal	+/-30°
Keystone correction - vertical	+/-30°
Has vertical auto keystone correction	Yes
Displayable colours (millions)	1073.4
Horizontal scan rate	15.375 ~ 91.146 KHz
Vertical scan rate	50 ~ 85 Hz (120Hz for 3D)Hz
Uniformity	80%
Screen size	0.51m ~ 8.14m (20.2" ~ 320.4") diagonal

## Lamp info

Light source type	Laser
LASER life	30,000 hours

## Optical

Throw ratio	1.4:1 ~ 2.24:1
Projection distance (m)	1m - 10m
Zoom	1.6
Zoom type	Manual
Focal length (mm)	20.91mm~32.62mm/0.823"~1.284"
Lens shift	Vertical: +/-16%
Native offset	100%
Lens shift	Yes - <a href="#">{{downloads_link}}</a>

## Connectivity

Connections	<b>Inputs</b> 1 x HDMI 2.0, 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 2 x Audio 3.5mm, 1 x Mic 3.5mm, 1 x Composite video <b>Outputs</b> 1 x VGA, 1 x Audio 3.5mm, 1 x USB-A power 1.5A <b>Control</b> 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x micro USB service, 1 x 3D sync
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## General

Noise level (typical)	30dB
Noise level (max)	32dB
PC compatibility	UHD, 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
IP rating	IP6X
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
24/7 operation	Yes
Operating conditions	5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85%
Remote control	Backlit ProAV remote
Heat dissipation	918BTU/hour
Speaker count	2
Watts per speaker	10W
In the box	AC power cord Remote control 2x AAA batteries Basic user manual
Optional wireless models	UHDCast Pro, QuickCast Bundle, QuickCast starter kit

## Networking

LAN - control	Yes
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## Power

Power supply	100V ~ 240V, 50-60Hz
Power consumption (standby)	<0.5W
Power consumption (min)	206W
Power consumption (max)	269W

## Weight and dimensions

Dimensions (W x D x H) mm	337 x 265 x 122.5
Gross weight	6.22 kg
Net weight	4.55 kg

