







- 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   | DLPTM   |
| 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 -  | +/-30°  |
| horizontal   | 1.000   |
| Keystone correction - vertical   | +/-30°  |
| Has vertical auto keystone<br>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  | 0.0 m + 0.14m (20.2 + 020.4 ) diagonal  |
| 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 - {{downloads_link}}  |
| Connectivity   |   |
| Connections  | Inputs 1 x HDMI 2.0, 1 x HDMI 1.4a 3D support, 1 x VGA<br>(YPbPr/RGB), 2 x Audio 3.5mm, 1 x Mic 3.5mm, 1 x<br>Composite video<br>Outputs 1 x VGA, 1 x Audio 3.5mm, 1 x USB-A power 1.5A<br>Control 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x micro USB<br>service, 1 x 3D sync  |
| <b>General</b><br>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<br>SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p,<br>720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz)   |
| 3D compatibility   | Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack:<br>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,<br>Finnish, French, German, Greek, Hungarian, Indonesian, Italian,<br>Japanese, Norwegian, Polish, Portuguese, Romanian, Russian,<br>Chinese (simplified), Spanish, Swedish, Chinese (traditional),<br>Turkish, Vietnamese                                    |
|  |   |
|  | Yes   |
|  | Yes<br>5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max  |
| Operating conditions   | Yes<br>5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max<br>humidity 85%  |
| Operating conditions<br>Remote control   | Yes<br>5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max<br>humidity 85%<br>Backlit ProAV remote  |
| Operating conditions<br>Remote control<br>Heat dissipation   | Yes<br>5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max<br>humidity 85%<br>Backlit ProAV remote<br>918BTU/hour   |
| Operating conditions<br>Remote control<br>Heat dissipation<br>Speaker count  | Yes<br>5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max<br>humidity 85%<br>Backlit ProAV remote<br>918BTU/hour<br>2  |
| Operating conditions<br>Remote control<br>Heat dissipation<br>Speaker count<br>Watts per speaker   | Yes<br>5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max<br>humidity 85%<br>Backlit ProAV remote<br>918BTU/hour<br>2<br>10W   |
| Operating conditions<br>Remote control<br>Heat dissipation<br>Speaker count<br>Watts per speaker   | Yes<br>5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max<br>humidity 85%<br>Backlit ProAV remote<br>918BTU/hour<br>2<br>10W<br>AC power cord<br>Remote control<br>2x AAA batteries  |
| Operating conditions<br>Remote control<br>Heat dissipation<br>Speaker count<br>Watts per speaker<br>In the box   | Yes<br>5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max<br>humidity 85%<br>Backlit ProAV remote<br>918BTU/hour<br>2<br>10W<br>AC power cord<br>Remote control<br>2x AAA batteries<br>Basic user manual   |
| Operating conditions<br>Remote control<br>Heat dissipation<br>Speaker count<br>Watts per speaker<br>In the box   | Yes<br>5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max<br>humidity 85%<br>Backlit ProAV remote<br>918BTU/hour<br>2<br>10W<br>AC power cord<br>Remote control<br>2x AAA batteries  |
| Operating conditions<br>Remote control<br>Heat dissipation<br>Speaker count<br>Watts per speaker<br>n the box<br>Dptional wireless models<br>Networking  | Yes<br>5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max<br>humidity 85%<br>Backlit ProAV remote<br>918BTU/hour<br>2<br>10W<br>AC power cord<br>Remote control<br>2x AAA batteries<br>Basic user manual<br>UHDCast Pro, QuickCast Bundle, QuickCast starter kit   |
| Operating conditions<br>Remote control<br>Heat dissipation<br>Speaker count<br>Watts per speaker<br>n the box<br>Optional wireless models<br>Networking<br>LAN - control   | Yes<br>5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max<br>humidity 85%<br>Backlit ProAV remote<br>918BTU/hour<br>2<br>10W<br>AC power cord<br>Remote control<br>2x AAA batteries<br>Basic user manual   |
| Operating conditions<br>Remote control<br>Heat dissipation<br>Speaker count<br>Watts per speaker<br>n the box<br>Optional wireless models<br>Networking<br>LAN - control<br>Power  | Yes<br>5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max<br>humidity 85%<br>Backlit ProAV remote<br>918BTU/hour<br>2<br>10W<br>AC power cord<br>Remote control<br>2x AAA batteries<br>Basic user manual<br>UHDCast Pro, QuickCast Bundle, QuickCast starter kit<br>Yes  |
| Operating conditions<br>Remote control<br>Heat dissipation<br>Speaker count<br>Watts per speaker<br>In the box<br>Optional wireless models<br>Networking<br>LAN - control<br>Power   | Yes<br>5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max<br>humidity 85%<br>Backlit ProAV remote<br>918BTU/hour<br>2<br>10W<br>AC power cord<br>Remote control<br>2x AAA batteries<br>Basic user manual<br>UHDCast Pro, QuickCast Bundle, QuickCast starter kit   |
| Operating conditions<br>Remote control<br>Heat dissipation<br>Speaker count<br>Watts per speaker<br>In the box<br>Optional wireless models<br>Networking<br>LAN - control<br>Power<br>Power supply   | Yes<br>5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max<br>humidity 85%<br>Backlit ProAV remote<br>918BTU/hour<br>2<br>10W<br>AC power cord<br>Remote control<br>2x AAA batteries<br>Basic user manual<br>UHDCast Pro, QuickCast Bundle, QuickCast starter kit<br>Yes  |
| Operating conditions<br>Remote control<br>Heat dissipation<br>Speaker count<br>Watts per speaker<br>In the box<br>Optional wireless models<br>Networking<br>LAN - control<br>Power<br>Power supply<br>Power consumption (standby)  | Yes<br>5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max<br>humidity 85%<br>Backlit ProAV remote<br>918BTU/hour<br>2<br>10W<br>AC power cord<br>Remote control<br>2x AAA batteries<br>Basic user manual<br>UHDCast Pro, QuickCast Bundle, QuickCast starter kit<br>Yes<br>100V ~ 240V, 50-60Hz                          |
| Operating conditions Remote control Heat dissipation Speaker count Watts per speaker In the box Optional wireless models Networking LAN - control Power Power supply Power consumption (standby) Power consumption (min)   | Yes<br>5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max<br>humidity 85%<br>Backlit ProAV remote<br>918BTU/hour<br>2<br>10W<br>AC power cord<br>Remote control<br>2x AAA batteries<br>Basic user manual<br>UHDCast Pro, QuickCast Bundle, QuickCast starter kit<br>Yes<br>100V ~ 240V, 50-60Hz<br><0.5W                 |
| Operating conditions Remote control Heat dissipation Speaker count Watts per speaker In the box Optional wireless models Networking LAN - control Power Power consumption (standby) Power consumption (min) Power consumption (max) Weight and dimensions  | Yes<br>5°C-40°C/41°F-104°F, max altitude 3000M/9843ft, max<br>humidity 85%<br>Backlit ProAV remote<br>918BTU/hour<br>2<br>10W<br>AC power cord<br>Remote control<br>2x AAA batteries<br>Basic user manual<br>UHDCast Pro, QuickCast Bundle, QuickCast starter kit<br>Yes<br>100V ~ 240V, 50-60Hz<br><0.5W<br>206W<br>269W |
| Operating conditions Remote control Heat dissipation Speaker count Watts per speaker In the box Optional wireless models Networking LAN - control Power Power supply Power consumption (standby) Power consumption (min) Power consumption (max) Weight and dimensions Dimensions (W x D x H) mm   | Yes<br>5°C-40°C/41°F-104°F, max altitude 3000M/9843ft, max<br>humidity 85%<br>Backlit ProAV remote<br>918BTU/hour<br>2<br>10W<br>AC power cord<br>Remote control<br>2x AAA batteries<br>Basic user manual<br>UHDCast Pro, QuickCast Bundle, QuickCast starter kit<br>Yes<br>100V ~ 240V, 50-60Hz<br><0.5W<br>269W<br>269W |
| 24/7 operation<br>Operating conditions<br>Remote control<br>Heat dissipation<br>Speaker count<br>Watts per speaker<br>In the box<br>Optional wireless models<br>Networking<br>LAN - control<br>Power supply<br>Power consumption (standby)<br>Power consumption (min)<br>Power consumption (max)<br>Weight and dimensions<br>Dimensions (W x D x H) mm<br>Gross weight<br>Net weight | Yes<br>5°C-40°C/41°F-104°F, max altitude 3000M/9843ft, max<br>humidity 85%<br>Backlit ProAV remote<br>918BTU/hour<br>2<br>10W<br>AC power cord<br>Remote control<br>2x AAA batteries<br>Basic user manual<br>UHDCast Pro, QuickCast Bundle, QuickCast starter kit<br>Yes<br>100V ~ 240V, 50-60Hz<br><0.5W<br>206W<br>269W |







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