ZH406ST

Compact high brightness short throw laser projector







- Bright Full HD 1080p DuraCore laser projector -4000 lumens
- Short throw lens 100" image from just over a metre away
- Ultimate Control Crestron, Extron, AMX, PJ-Link and Telnet LAN commands
- 30,000 hours maintenance-free laser light source



The ZH406ST is a compact short throw Full HD 1080p DuraCore laser projector. Designed for maintenance-free, continuous operation it can be installed in virtually any orientation.

Pack full of features this compact laser projector has built-in speakers, is 4K and HDR compatible, and is low maintenance with extremely long-life laser technology. For ultimate control, the projector comes with RJ45 connection allowing you to monitor and control your network in multiple rooms.

Perfect for business, education and museums senarios where a clean bright image is required.

Specifications

| Display/image | |
|--|--|
| Display technology Resolution | DLP™ 10800 Full HD (1920×1080) |
| Resolution Brightness | 1080p Full HD (1920x1080) 4,000 lumens |
| Contrast ratio | 300,000:1 |
| Native aspect ratio | 16:9 |
| Aspect ratio - compatible | 4:3 |
| Keystone correction - | +/-15° |
| horizontal | |
| Keystone correction - vertical | +/-15° |
| Has vertical auto keystone | Yes |
| correction | |
| Displayable colours (millions) | 1073.4 |
| Horizontal scan rate | 15.375 ~ 91.146 Khz |
| Vertical scan rate | 50 ~ 120Hz |
| Uniformity | 85% |
| Screen size | 0.92m ~ 7.63m (36.4" ~ 300.5") diagonal |
| Lamp info | |
| Light source type | Laser |
| LASER life | 30,000 hours |
| Optical Threw patie | 0.5.1 |
| Throw ratio | 0.5:1 0.4m - 2.3m |
| Projection distance | 0.4m - 3.3m Fixed |
| Zoom type Eccal longth | Fixed 7.51mm |
| Focal length | |
| Native offset Connectivity | 115% |
| Connectivity Connections | |
| oonnootions | Inputs 1 x HDMI 2.0, 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 2 x Audio 3.5mm, 1 x Microphone, 1 x |
| | Composite video |
| | Outputs 1 x VGA, 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 micro USB |
| | service, 1 x 3D sync |
| General | |
| Noise level (min) | 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///M/N, 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, |
| 3D compatibility | 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz) 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 |
| OSD / display languages 24/7 operation | Finnish, French, German, Greek, Hungarian, Indonesian, Italian Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), |
| OSD / display languages 24/7 operation | Finnish, French, German, Greek, Hungarian, Indonesian, Italian Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes Yes |
| OSD / display languages 24/7 operation 360° operation | Finnish, French, German, Greek, Hungarian, Indonesian, Italian Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes Yes S°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max |
| OSD / display languages 24/7 operation 360° operation Operating conditions | Finnish, French, German, Greek, Hungarian, Indonesian, Italian Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% |
| OSD / display languages 24/7 operation 360° operation Operating conditions Remote control | Finnish, French, German, Greek, Hungarian, Indonesian, Italian Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote |
| OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Heat dissipation | Finnish, French, German, Greek, Hungarian, Indonesian, Italian Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes S°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour |
| OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Heat dissipation Speaker count | Finnish, French, German, Greek, Hungarian, Indonesian, Italian Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 |
| OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Heat dissipation Speaker count Watts per speaker | Finnish, French, German, Greek, Hungarian, Indonesian, Italian Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W |
| OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Heat dissipation Speaker count Watts per speaker | Finnish, French, German, Greek, Hungarian, Indonesian, Italian Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W AC power cord |
| OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Heat dissipation Speaker count Watts per speaker | Finnish, French, German, Greek, Hungarian, Indonesian, Italian Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes S°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W |
| DSD / display languages 24/7 operation 360° operation Operating conditions Remote control Heat dissipation Speaker count Watts per speaker | Finnish, French, German, Greek, Hungarian, Indonesian, Italian Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W AC power cord Remote control |
| DSD / display languages 24/7 operation 360° operation Operating conditions Remote control Heat dissipation Speaker count Watts per speaker n the box | Finnish, French, German, Greek, Hungarian, Indonesian, Italian Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes S°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W AC power cord Remote control 2x AAA batteries |
| DSD / display languages 24/7 operation 360° operation Deprating conditions Remote control Heat dissipation Speaker count Watts per speaker n the box Dptional wireless models Networking | Finnish, French, German, Greek, Hungarian, Indonesian, Italian Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes S°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W AC power cord Remote control 2x AAA batteries Basic user manual UHDCast Pro, QuickCast Bundle, QuickCast starter kit |
| OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Heat dissipation Speaker count Watts per speaker In the box Optional wireless models Networking LAN - control | Finnish, French, German, Greek, Hungarian, Indonesian, Italian Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes S ⁵ C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W AC power cord Remote control 2x AAA batteries Basic user manual |
| OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Heat dissipation Speaker count Watts per speaker In the box Optional wireless models Networking LAN - control Power | Finnish, French, German, Greek, Hungarian, Indonesian, Italian Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W AC power cord Remote control 2x AAA batteries Basic user manual UHDCast Pro, QuickCast Bundle, QuickCast starter kit Yes |
| OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Heat dissipation Speaker count Watts per speaker In the box Optional wireless models Networking LAN - control Power Power supply | Finnish, French, German, Greek, Hungarian, Indonesian, Italian Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W AC power cord Remote control 2x AAA batteries Basic user manual UHDCast Pro, QuickCast Bundle, QuickCast starter kit Yes 100 ~ 240V, 50 ~ 60Hz |
| OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Heat dissipation Speaker count Watts per speaker In the box Optional wireless models Networking LAN - control Power Power Power supply Power consumption (standby) | Finnish, French, German, Greek, Hungarian, Indonesian, Italian Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes Yes 5°C-40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W AC power cord Remote control 2x AAA batteries Basic user manual UHDCast Pro, QuickCast Bundle, QuickCast starter kit Yes 100 ~ 240V, 50 ~ 60Hz <0.5W |
| OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Heat dissipation Speaker count Watts per speaker In the box Optional wireless models Networking LAN - control Power Power Power supply Power consumption (standby) Power consumption (min) | Finnish, French, German, Greek, Hungarian, Indonesian, Italian Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes S ⁵ C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W AC power cord Remote control 2x AAA batterias Basic user manual UHDCast Pro, QuickCast Bundle, QuickCast starter kit Yes 100 ~ 240V, 50 ~ 60Hz <0.5W 206W |
| OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Heat dissipation Speaker count Watts per speaker In the box Optional wireless models Networking LAN - control Power Supply Power consumption (standby) Power consumption (min) Power consumption (max) | Finnish, French, German, Greek, Hungarian, Indonesian, Italian Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W AC power cord Remote control 2x AAA batteries Basic user manual UHDCast Pro, QuickCast Bundle, QuickCast starter kit Yes 100 ~ 240V, 50 ~ 60Hz <0.5W |
| 224/7 operation 360° operation 360° operation 360° operation 360° operation 360° operation 360° operation 360° operation 370° operation 380° operatio | Finnish, French, German, Greek, Hungarian, Indonesian, Italian Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W AC power cord Remote control 2x AAA batteries Basic user manual UHDCast Pro, QuickCast Bundle, QuickCast starter kit Yes 100 ~ 240V, 50 ~ 60Hz <0.5W 206W |
| 224/7 operation 360° operation 360° operation Operating conditions Remote control Heat dissipation Speaker count Watts per speaker In the box Optional wireless models Networking AN - control Power Ower supply Power consumption (standby) Power consumption (max) | Finnish, French, German, Greek, Hungarian, Indonesian, Italian Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes S ⁵ C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W AC power cord Remote control 2x AAA batterias Basic user manual UHDCast Pro, QuickCast Bundle, QuickCast starter kit Yes 100 ~ 240V, 50 ~ 60Hz <0.5W 206W |







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