

ZH406ST

Compact high brightness short throw laser projector



- **Bright Full HD 1080p DuraCore laser projector - 4200 ANSI lumens**
- **Short throw lens - 100" image from several feet 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 a built-in speaker, it's 4K and HDR compatible, low maintenance projector 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 where a clean bright image is required.

Specifications

| | |
|---------------------------------------|--|
| Display/image | |
| Display technology | DLP™ |
| Resolution | 1080p Full HD (1920x1080) |
| Brightness | 4,200 lumens |
| Contrast ratio | 300,000:1 |
| Native aspect ratio | 16:9 |
| Aspect ratio - compatible | 4:3 |
| Keystone correction - horizontal | +/-15° |
| Keystone correction - vertical | +/-15° |
| Has vertical auto keystone correction | Yes |
| Displayable colors (millions) | 1073.4 |
| Horizontal scan rate | 15.375 ~ 91.146 KHz |
| Vertical scan rate | 50 ~ 120Hz/Hz |
| Uniformity | 80% |
| Screen size | 36.4" ~ 300.5" diagonal |
| Lamp info | |
| Light source type | Laser |
| LASER life | 30,000 hours |
| Optical | |
| Throw ratio | 0.5:1 |
| Projection distance | 15.75" - 129.92" |
| Zoom type | Fixed |
| Focal length (mm) | 7.51mm/0.296" |
| Native offset | 115% |
| Connectivity | |
| Connections | <p>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</p> <p>Outputs 1 x VGA, 1 x Audio 3.5mm, 1 x USB-A power 1.5A</p> <p>Control 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x micro USB service, 1 x 3D sync</p> |
| 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 |
| 360° 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 |
| Power | |
| Power supply | 100 ~ 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) | 13.27" x 10.43" x 4.82" |
| Gross weight | 13.71 lbs |
| Net weight | 10.03 lbs |

