

# 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 scenarios where a clean bright image is required.

## Specifications

<b>Display and image</b>	
ProjDisplayTechnology	DLP™
ProjNativeResolution	1080p Full HD (1920x1080)
ProjBrightnessBrightLumens	4.000
ProjContrastRatio	300.000
NativeAspectRatio	16:9
SupportedAspectRatio	4:3
ProjKeystoneCorrectionHorizontal	+/-15°
ProjKeystoneCorrectionVertical	+/-15°
ProjAutoKeystoneVertical	Yes
ProjDisplayableColoursMillions	1073.4
ProjHorizontalScanRateKhz	15.375 ~ 91.146
ProjVerticalScanRateHz	50 ~ 120
ProjUniformityPercent	85
Screen size	0.92m ~ 7.63m (36.4" ~ 300.5") diagonal

<b>Lamp info</b>	
ProjLightSource	Laser
ProjLaserHours	30.000

<b>Optical</b>	
ThrowRatio	0.5:1
ProjectionDistanceMetres	0.4m - 3.3m
FixedLensZoomType	Fixed
FixedLensFocalLength	7.51mm
ProjNativeOffset	115%

<b>Connectivity</b>	
Connections	<p><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 Microphone, 1 x Composite video</p> <p><b>Outputs</b> 1 x VGA, 1 x Audio 3.5mm, 1 x USB-A power 1.5A</p> <p><b>Control</b> 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x micro USB service, 1 x 3D sync</p>

<b>General</b>	
NoiseLevelTypicalDb	30
NoiseLevelMaxDb	32
PcCompatibility	UHD, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
Proj2DCompatibility	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)
Proj3DCompatibility	Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
Proj3DType	Full 3D
ProductSecurity	Security bar, Kensington Lock, Password protected interface
IP rating	IP6X
OSDLangs	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
TwentyFourSevenOperation	Yes
ThreeSixtyDegreeOperation	Yes
OperatingConditions	5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85%
RemoteControl	Backlit ProAV remote
HeatDissipationBtuHour	918
SpeakerCount	2
SpeakerWatts	10
In the box	AC power cord Remote control Basic user manual
Optional wireless models	UHDCast Pro, QuickCast Bundle, QuickCast starter kit

<b>Networking</b>	
LanControl	Yes

<b>Power</b>	
PowerSupply	100 ~ 240V, 50 ~ 60Hz
PowerConsumptionWattsStandby	<0.5
PowerConsumptionWattsMin	206
PowerConsumptionWattsMax	269

<b>Weight and dimensions</b>	
ProductDimensions	337 x 265 x 122.5
Gross weight	6.22 kg
Net weight	5 kg

