

# ZH403

Compact high brightness laser projector



- **Bright Full HD 1080p DuraCore laser projector**
- **Versatile - 1.3x zoom, 360-degree and portrait projection**
- **Ultimate Control - Crestron, Extron, AMX, PJ-Link and Telnet LAN commands**
- **30,000 hours maintenance-free laser light source**

The ZH403 is a compact Full HD 1080p DuraCore laser projector. Designed for maintenance free, continuous operation it can be installed in virtually any orientation. Its small and lightweight footprint, 1.3x zoom combined with 360-degree and portrait projection make it a breeze to install.

This feature packed projector is 4K and HDR compatible, has a built-in speaker and its laser technology delivers up to 30,000 hours maintenance-free laser light source. For ultimate control, the projector comes with RJ45 connection allowing you to monitor and control your network in multiple rooms.

Geared for medium-sized exhibition venues, events, tradeshows or meeting rooms, it maintains excellent image quality as brightness and colour saturation is preserved for longer compared to lamp systems.

## Specifications

<b>Display/image</b>	
Display technology	DLP™
Resolution	1080p Full HD (1920x1080)
Brightness	4,000 lumens
Contrast ratio	300,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3
Keystone correction - vertical	+/-40°
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	85%
Screen size	0.71m ~ 7.63m (28" ~ 300.3") diagonal
<b>Lamp info</b>	
Light source type	Laser
LASER life	30,000 hours
<b>Optical</b>	
Throw ratio	1.21:1 ~ 1.59:1
Projection distance	1m - 7.9m
Zoom	1.3
Zoom type	Manual
Focal length	12.81mm~16.74mm
Native offset	110%
<b>Connectivity</b>	
Connections	<b>Inputs</b> 1 x HDMI 2.0, 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm <b>Outputs</b> 1 x Audio 3.5mm, 1 x USB-A power 1.5A <b>Control</b> 1 x RS232, 1 x RJ45, 1 x micro USB service
<b>General</b>	
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 Full 3D
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%
Speaker count	1
Watts per speaker	10W
In the box	AC power cord Remote control 2x AAA batteries Basic user manual
<b>Networking</b>	
LAN - control	Yes
<b>Power</b>	
Power supply	100V ~ 240V, 50-60Hz
Power consumption (standby)	<0.5W
Power consumption (min)	206W
Power consumption (max)	269W
<b>Weight and dimensions</b>	
Dimensions (W x D x H)	337 x 265 x 122.5
Gross weight	6.6 kg
Net weight	4.5 kg

