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ZH403

Compact high brightness laser projector

24/7 360° AUTO OFF

- **Bright Full HD 1080p DuraCore laser projector - 4000 ANSI lumens**

- **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

Display/image

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

Lamp info

Light source type	Laser
LASER life	30,000 hours

Optical

Throw ratio	1.21:1 ~ 1.59:1
Projection distance (m)	1m - 7.9m
Zoom	1.3
Zoom type	Manual
Focal length (mm)	12.81 ~ 16.74
Native offset	110%

Connectivity

Connections	**Inputs** 1 x HDMI 2.0, 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm
	Outputs 1 x Audio 3.5mm, 1 x USB-A power 1.5A
	Control 1 x RS232, 1 x RJ45, 1 x micro USB service

General

Noise level (typical)	30dB
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
Operating conditions	5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m
Remote control	Data remote with laser and mouse function
Speaker count	1
Watts per speaker	10W
In the box	AC power cord
	Remote control
	2x AAA batteries
	Basic user manual
Optional wireless models	HDCast Pro

Networking

LAN - control	Yes

Power

Power supply	100V ~ 240V, 50-60Hz
Power consumption (standby)	<0.5W
Power consumption (min)	206W
Power consumption (max)	269W

Weight and dimensions

Net weight	5.5kg
Dimensions (W x D x H) mm	337 x 265 x 122.5