

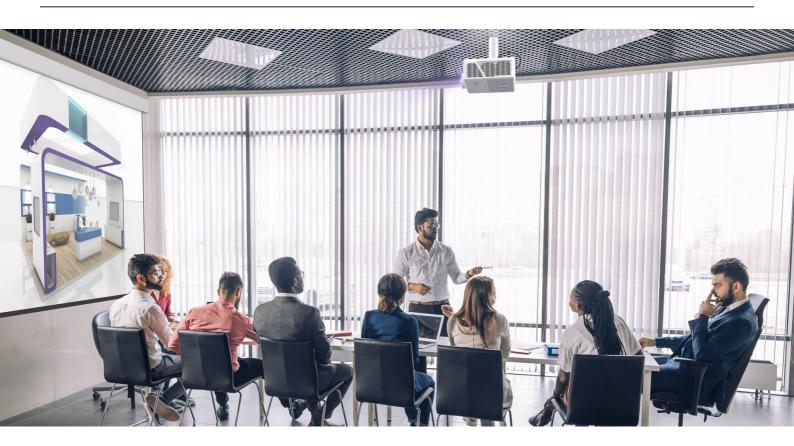
## ZH461

Compact high brightness laser projector









- Bright Full HD 1080p DuraCore laser projector -5000 lumens
- Versatile 1.6x zoom, vertical lens shift, portrait mode
- Ultimate control Crestron, Extron, AMX, PJ-Link and Telnet LAN commands
- Long lifetime and high reliability 30,000 hours of virtually maintenance-free operation



The ZH461 projector offers true convenience with low maintenance and longer-life laser technology in a small and lightweight chassis. It also features 4K and HDR compatibility and an impressive 5000 lumens.

## **Specifications**

Display/image Display technology DIPTM

Resolution 1080p Full HD (1920x1080)

Brightness 5,000 lumens Contrast ratio 300,000:1 16:9 Native aspect ratio Aspect ratio - compatible 4:3 Keystone correction -+/-30° horizontal Keystone correction - vertical +/-30° Has vertical auto keystone Yes

correction

Displayable colours (millions) 1073.4

15.375 ~ 91.146 Khz Horizontal scan rate Vertical scan rate 50 ~ 85 Hz (120Hz for 3D)Hz

Uniformity 80%

0.51m ~ 8.14m (20.2" ~ 320.4") diagonal Screen size

Lamp info Light source type LASER life 30,000 hours Optical Throw ratio 1.4:1 ~ 2.24:1

Projection distance (m) 1m - 10m Zoom 1.6 Manual Zoom type

20.91mm~32.62mm/0.823"~1.284" Focal length (mm)

Lens shift Vertical +16% Native offset 100%

Lens shift Yes - {{downloads\_link}}

Connectivity Connections

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 Mic 3.5mm, 1

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 svnc

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

Security bar, Kensington Lock, Password protected interface Security

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

5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max Operating conditions

humidity 85%

Remote control Data remote with mouse function

918BTU/hour Heat dissipation Speaker count 10W Watts per speaker

In the box AC power cord Remote control 2x AAA batteries

Basic user manual 16.20ms

Input lag Optional wireless models UHDCast Pro, QuickCast Bundle, QuickCast starter kit

Networking LAN - control Yes Power

Power supply 100V ~ 240V, 50-60Hz

Power consumption (standby) < 0.5W 227W Power consumption (min) Power consumption (max) 282W

Weight and dimensions

Dimensions (W x D x H) mm 337 x 265 x 122.5 Gross weight 6.6 kg Net weight 4.5 ka





