

# ZH420UST

Superb for signage

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- **20,000 hours maintenance-free laser light source at full brightness\*\***
- **Dust resistant – Independently tested, IP5X certification for total reliability**
- **4000 lumens 1080p ultra short throw projector**
- **Versatile installation - Portrait and downward projection**

The ZH420UST is powered by a long-lasting, low maintenance DuraCore laser light source. The lamp-less design vastly reduces running costs for a low total cost of ownership.

Weighing only 5.5kg, this projector can be mounted just centimetres away from a wall or surface and can project an image size of over 100 inches (254cm).

Supporting 24/7 operation and versatile orientation, the ZH420UST is a flexible, powerful and bright ultra short throw projector which makes for a superb signage solution where space or accessibility can be limited, such as shop windows, museums or retail displays.

Advanced features of this model include integrated HDBaseT receiver, and warping and blending engine (multi-output graphics card supporting overlap adjustment is required).

## Specifications

<b>Display/image</b>	
Display technology	DLP
Resolution	1080p Full HD (1920x1080)
Brightness	4,000 lumens
Contrast ratio	100,000:1
ANSI contrast ratio	1,800
Contrast ratio - full on/off	100,000:1
Aspect ratio - compatible	4:3,16:9,16:10
Keystone correction - horizontal	+/-30°
Keystone correction - vertical	+/-30°
Uniformity	85%
Screen size	2.21m ~ 2.59m (87" ~ 102") (diagonal)
<b>Lamp info</b>	
Light source type	Laser
LASER life	20,000 hours
<b>Optical</b>	
Throw ratio	0.25:1
Projection distance (m)	0.46m - 0.55m
Zoom type	Fixed
Focal length (mm)	3.72mm
Lens shift	Vertical: +/-0%, Horizontal: +/-0%
Native offset	120%
<b>Connectivity</b>	
Connections	<b>Inputs</b> 1 x VGA, 2 x HDMI, 1 x Audio 3.5mm, 1 x Mic 3.5mm, 1 x HDBaseT, 1 x RJ45 <b>Outputs</b> 1 x VGA, 1 x Audio 3.5mm <b>Control</b> 1 x RS232, 1 x mini USB service
<b>General</b>	
Noise level (typical)	32dB
PC compatibility	UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
2D compatibility	PAL (B, D, G, H, I, M, N, 576i/p), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L) HD (1080i, 720p)
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
OSD / display languages	1 languages:
24/7 operation	Yes
Remote control	Wired backlit PRO AV remote
Speaker count	1
Watts per speaker	10W
In the box	HDMI Cable, IR Remote Control, AAA Batteries x 2, Power Cord, Documentation
<b>Networking</b>	
LAN - control	Yes
LAN	Yes
<b>Power</b>	
Power supply	AC 90 – 264V 50/60 Hz
Power consumption (standby)	0.5W
Power consumption (min)	225W
Power consumption (max)	335W
<b>Weight and dimensions</b>	
Net weight	5.5kg
Dimensions (W x D x H) mm	387 x 403 x 148

