

# ZH420UST

Superb for signage



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- **Up to 30,000 hours laser light source**
- **Dust resistant – Independently tested, IP5X certification for total reliability**
- **4,000 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.



## 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
Native aspect ratio	16:9
Aspect ratio - compatible	4:3, 16:9, 16:10
Keystone correction - horizontal	+/-30°
Keystone correction - vertical	+/-30°
Uniformity	85%
Screen size	87" ~ 102" diagonal
<b>Lamp info</b>	
Light source type	Laser
LASER life	30,000 hours
<b>Optical</b>	
Throw ratio	0.25:1
Projection distance	18.11" - 21.65"
Zoom type	Fixed
Focal length (mm)	3.72mm
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
Noise level (max)	35dB
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
IP rating	IP5X
OSD / display languages	1 languages:
24/7 operation	Yes
Remote control	Wired backlit PRO AV remote
Heat dissipation	1,314BTU/hour
Speaker count	1
Watts per speaker	10W
In the box	HDMI Cable, IR Remote Control, AAA Batteries x 2, Power Cord, Documentation
Optional wireless models	QuickCast Bundle, QuickCast starter kit, WHD200
<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>	
Dimensions (W x D x H)	15.04" x 12.2" x 4.88"
Gross weight	19.62 lbs
Net weight	12.13 lbs

