

ZH420UST

Superb for signage



- **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

| | |
|----------------------------------|---|
| Display/image | |
| 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) |
| Lamp info | |
| Light source type | Laser |
| LASER life | 20,000 hours |
| Optical | |
| 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% |
| Connectivity | |
| Connections | Inputs 1 x VGA, 2 x HDMI, 1 x Audio 3.5mm, 1 x Mic 3.5mm, 1 x HDBaseT, 1 x RJ45 Outputs 1 x VGA, 1 x Audio 3.5mm Control 1 x RS232, 1 x mini USB service |
| General | |
| 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 |
| Networking | |
| LAN - control | Yes |
| LAN | Yes |
| Power | |
| Power supply | AC 90 – 264V 50/60 Hz |
| Power consumption (standby) | 0.5W |
| Power consumption (min) | 225W |
| Power consumption (max) | 335W |
| Weight and dimensions | |
| Net weight | 5.5kg |
| Dimensions (W x D x H) mm | 387 x 403 x 148 |

