

AZH430

Ultra-Compact High Brightness FHD 1080p Laser Projector



- **Bright FHD 1080p DuraCore laser projector - 4,500 lumens and IP6X certified**
- **Small form factor for easy installation - 1.3x zoom, 360-degree and portrait projection**
- **DuraCore laser technology - 30,000 hours maintenance-free laser light source**
- **Built with the environment in mind - The latest laser technology and higher power conversion efficiency**



The AZH430 is Optoma's most compact hassle free FHD 1080p DuraCore laser projector to date. Designed for maintenance-free continuous operation, it can be installed in virtually any orientation and location due to the small and lightweight footprint.

Designed with the environment in mind this model cuts power by 40% vs a typical Optoma lamp based product. Optoma have looked to minimize product design to cut logistic impacts on the environment cutting CO2 and reducing our overall carbon footprint. The new model is also the first in a line of product from Optoma to look to use Post-Consumer Recycled material within the product itself.

Specifications

| | |
|---------------------------------------|--|
| Display/image | |
| Display technology | DLP™ |
| Resolution | 1080p Full HD (1920x1080) |
| Brightness | 4,500 lumens |
| Contrast ratio | 300,000:1 |
| Contrast ratio - dynamic | 2,000,000:1 |
| Native aspect ratio | 16:9 |
| Aspect ratio - compatible | 4:3, 16:9 |
| Keystone correction - horizontal | +/-30° |
| Keystone correction - vertical | +/-30° |
| Has vertical auto keystone correction | Yes |
| Displayable colours (millions) | 1073.4 |
| Horizontal scan rate | 15 ~ 140Khz |
| Vertical scan rate | 24 ~ 120Hz |
| Uniformity | 80% |
| Screen size | 0.76m ~ 7.62m (30" ~ 300") diagonal |
| Lamp info | |
| Light source type | Laser |
| LASER life | 30,000 hours |
| Optical | |
| Throw ratio | 1.12:1 ~ 1.47:1 |
| Projection distance | 1m ~ 8m |
| Zoom | 1.3 |
| Zoom type | Manual |
| Focal length | 16.90 ~ 21.61 |
| Native offset | 116% |
| Connectivity | |
| Connections | Inputs 2 x HDMI 2.0, 1 x RJ45 Outputs 1 x Audio 3.5mm, 1 x USB-A power 1.5A Control 1 x RS232 |
| General | |
| Noise level (min) | 27dB |
| 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 | Yes (DLP 3D; PC frame sequential 120Hz 3D, Blu-r |
| 3D | 3D ready |
| 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 |
| 360° operation | Yes |
| Operating conditions | 0°C ~ 40°C, Max. Humidity 80%, Max. Altitude 2,500m |
| Speaker count | 1 |
| Watts per speaker | 15W |
| In the box | AC power cord Remote control Basic user manual |
| Networking | |
| LAN - control | LAN Control |
| LAN | Yes |
| Power | |
| Power supply | DC input 19V via a 180W power adapter (AC input 100~240V, 50/60 Hz to DC 19V) |
| Power consumption (standby) | <0.5W |
| Power consumption (min) | 121W |
| Power consumption (max) | 176W |
| Weight and dimensions | |
| Dimensions (W x D x H) | 274 x 216 x 114 |
| Gross weight | 4.2 kg |
| Net weight | 3 kg |

