# ZU1900
Ultra bright professional WUXGA laser projector

- **High brightness WUXGA DLP laser projector - 19,000 lumens**

- **Extreme installation flexibility - Eight interchangeable lenses**

- **Ultimate reliability - Built-in redundancy mode**

- **Striking lifelike images - Pure engine video processing and colour matching**

The high brightness ZU1900 professional laser projector fills a need for high-end installations, including the entertainment, exhibition, and digital signage markets. Part of Optoma's Ultra Bright Series, this projector offers incredibly high brightness of 19,000 lumens as well as extreme flexibility with eight interchangeable lenses to meet the needs of even the most complex installations.

As part of the Optoma DuraCore laser line up, the Ultra Bright Series high-performance projectors feature 4K HDR compatibility, pure engine video processing and colour matching to produce visually striking, lifelike images with exceptional detail and high colour accuracy.

Strong reliability is at the core of the Ultra Bright Series projectors, with 24/7 operation capabilities, up to 30,000 hours of laser lifetime, and an IP5X rating for optimal and dependable performance, even under more extreme conditions up to 122 degrees Fahrenheit / 50 degrees Celsius. With a robust metal chassis and modular design for easier maintenance, a multitude of connectivity options, and failsafe redundancy mode for instant source switching, the Ultra Bright Series projectors offer a solution for intricate installations, including multi-projector and dome projection applications.

# Specifications

## Display and image

| | |
|---|---|
| ProjDisplayTechnology | DLP |
| ProjNativeResolution | WUXGA (1920x1200) |
| ProjBrightnessBrightLumens | 19.000 |
| ANSI brightness | 16.000 |
| ProjContrastRatio | 2.000.000 |
| NativeAspectRatio | 16:10 |
| SupportedAspectRatios | 16:9,16:10 |
| Screen size | Dependent on lens |

## Lamp info

| | |
|---|---|
| ProjLightSource | DuraCore Laser |
| ProjLaserHours | 30.000 |

## Optical

| | |
|---|---|
| ThrowRatio | Dependent on lens |
| ProjectionDistanceMetres | Dependent on lens |
| Lens options | BX-CTA11, 0.65~0.75:1 |
| | BX-CTA18, 0.84~1.02:1 |
| | BX-CTA19, 1.02~1.36:1 |
| | BX-CTA20, 1.2~1.5:1 |
| | BX-CTA21, 1.5~2.0:1 |
| | BX-CTA22, 2.0~4.0:1 |
| | BX-CTA23, 4.0~7.2:1 |
| | BX-CTA27, 7.2~10.8:1 |

## Connectivity

| | |
|---|---|
| Connections | **Inputs** 1 x RS232, 1 x 3D sync, 1 x Wired remote, 1 x HDBaseT, 1 x DisplayPort, 2 x HDMI, 1 x VGA, 1 x DVI-D, 1 x 3G-SDI |
| | **Outputs** 1 x RS232, 1 x 3D sync, 1 x Wired remote, 1 x HDMI, 1 x 3G-SDI |
| | **Control** 1 x RJ45, 1 x USB-A service, 1 x 12V trigger |
| LANWirelessNetworking | No |

## General

| | |
|---|---|
| NoiseLevelTypicalDb | 36 |
| NoiseLevelMaxDb | 38 |
| Proj3DType | Full 3D |
| IP rating | IP5X |
| OSDLangs | 1 languages: |
| TwentyFourSevenOperation | Yes |
| ThreeSixtyDegreeOperation | Yes |
| OperatingConditions | Operating: 10~85%RH, non-condensing. Storage: 5~90%RH, non-condensing |
| RemoteControl | Backlit ProAV remote |

## Networking

| | |
|---|---|
| LanControl | Yes |
| LanDisplay | Yes |
| LANWirelessNetworking | No |
| LanDHCP | Yes |

## Power

| | |
|---|---|
| PowerSupply | AC 100–240 V @ 50/60 Hz |
| PowerConsumptionWattsStandby | 0.5W |
| PowerConsumptionWattsMin | 480 |
| PowerConsumptionWattsMax | 1.050 |

## Weight and dimensions

| | |
|---|---|
| ProductDimensions | 650 x 682 x 300.86 |
| Gross weight | 62.5 kg |
| Net weight | 50 kg |