Optoma

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/image
Display technology	DLP
Resolution	WUXGA (1920x1200)
Brightness	19,000 lumens
ANSI brightness	16,000
Contrast ratio	20,00,000:1
Native aspect ratio	16:10
Aspect ratio - compatible	16:9,16:10
Screen size	Dependent on lens

Lamp info
Light source type	DuraCore Laser
LASER life	30,000 hours

Optical
Throw ratio	Dependent on lens
Projection distance	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
LAN - wireless networking	No

General
Noise level (typical)	36dB
Noise level (max)	38dB
3D	Full 3D
IP rating	IP5X
OSD / display languages	1 languages:
24/7 operation	Yes
360° operation	Yes
Operating conditions	Operating: 10~85%RH, non-condensing. Storage: 5~90%RH, non-condensing
Remote control	Backlit ProAV remote

Networking
LAN - control	Yes
LAN - display	Yes
LAN - wireless networking	No
LAN	Yes

Power
Power supply	AC 100–240 V @ 50/60 Hz
Power consumption (standby)	0.5WW
Power consumption (min)	480W
Power consumption (max)	1,050W

Weight and dimensions
Dimensions (W x D x H)	650 x 682 x 300.86
Gross weight	62.5 kg
Net weight	50 kg