

## ZU2200

Ultra bright professional WUXGA laser projector



- High brightness WUXGA DLP laser projector 22,000 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 ZU2200 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 22,000 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. Additionally, the ZU2200 achieves superior colour rendition through MultiColor Laser (MCL) technology.

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	22,000 lumens
ANSI brightness	18,500
Contrast ratio	2,000,000:1
Native aspect ratio	16:10
Aspect ratio - compatible	16:9,16:10
Screen size	Dependent on lens
Lamp info	
Light source type	DuraCore MultiColor Laser
LASER life	30,000 hours
Optical	
Throw ratio	Dependent on lens
Projection distance (m)	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 HDML 1 x 3G-SDL
	HDMI, 1 x 3G-SDI
Querrant	
	HDMI, 1 x 3G-SDI <b>Control</b> 1 x RJ45, 1 x USB-A service, 1 x 12V trigger
Noise level (typical)	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger 38dB
Noise level (typical) Noise level (max)	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger 38dB 40dB
Noise level (typical) Noise level (max) 3D	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger 38dB 40dB Full 3D
Noise level (typical) Noise level (max) 3D IP rating	HDMI, 1 x 3G-SDI <b>Control</b> 1 x RJ45, 1 x USB-A service, 1 x 12V trigger 38dB 40dB Full 3D TBC
Noise level (typical) Noise level (max) 3D IP rating OSD / display languages	HDMI, 1 x 3G-SDI <b>Control</b> 1 x RJ45, 1 x USB-A service, 1 x 12V trigger 38dB 40dB Full 3D TBC 12 languages: Dutch, English, French, German, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Spanish
Noise level (typical) Noise level (max) 3D IP rating OSD / display languages 24/7 operation	HDMI, 1 x 3G-SDI <b>Control</b> 1 x RJ45, 1 x USB-A service, 1 x 12V trigger 38dB 40dB Full 3D TBC 12 languages: Dutch, English, French, German, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Spanish Yes
Noise level (typical) Noise level (max) 3D IP rating OSD / display languages 24/7 operation 360° operation	HDMI, 1 x 3G-SDI <b>Control</b> 1 x RJ45, 1 x USB-A service, 1 x 12V trigger 38dB 40dB Full 3D TBC 12 languages: Dutch, English, French, German, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Spanish Yes Yes
Noise level (typical) Noise level (max) 3D IP rating OSD / display languages 24/7 operation 360° operation	HDMI, 1 x 3G-SDI <b>Control</b> 1 x RJ45, 1 x USB-A service, 1 x 12V trigger 38dB 40dB Full 3D TBC 12 languages: Dutch, English, French, German, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Spanish Yes
Noise level (typical) Noise level (max) 3D IP rating OSD / display languages 24/7 operation 360° operation Operating conditions	HDMI, 1 x 3G-SDI <b>Control</b> 1 x RJ45, 1 x USB-A service, 1 x 12V trigger 38dB 40dB Full 3D TBC 12 languages: Dutch, English, French, German, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Spanish Yes Yes Operating: 10–85%RH, non-condensing. Storage: 5–90%RH,
Noise level (typical) Noise level (max) 3D IP rating OSD / display languages 24/7 operation 360° operation Operating conditions Remote control	HDMI, 1 x 3G-SDI <b>Control</b> 1 x RJ45, 1 x USB-A service, 1 x 12V trigger 38dB 40dB Full 3D TBC 12 languages: Dutch, English, French, German, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Spanish Yes Yes Operating: 10–85%RH, non-condensing. Storage: 5–90%RH, non-condensing
Noise level (typical) Noise level (max) 3D IP rating OSD / display languages 24/7 operation 360° operation Operating conditions Remote control <b>Networking</b>	HDMI, 1 x 3G-SDI <b>Control</b> 1 x RJ45, 1 x USB-A service, 1 x 12V trigger 38dB 40dB Full 3D TBC 12 languages: Dutch, English, French, German, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Spanish Yes Yes Operating: 10–85%RH, non-condensing. Storage: 5–90%RH, non-condensing
Noise level (typical) Noise level (max) 3D IP rating OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Networking LAN - display	HDMI, 1 x 3G-SDI <b>Control</b> 1 x RJ45, 1 x USB-A service, 1 x 12V trigger 38dB 40dB Full 3D TBC 12 languages: Dutch, English, French, German, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Spanish Yes Yes Operating: 10–85%RH, non-condensing. Storage: 5–90%RH, non-condensing Backlit ProAV remote
Noise level (typical) Noise level (max) 3D IP rating OSD / display languages 24/7 operation 360° operation Operating conditions Remote control <b>Networking</b> LAN - display LAN - wireless networking	HDMI, 1 x 3G-SDI <b>Control</b> 1 x RJ45, 1 x USB-A service, 1 x 12V trigger 38dB 40dB Full 3D TBC 12 languages: Dutch, English, French, German, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Spanish Yes Yes Operating: 10–85%RH, non-condensing. Storage: 5–90%RH, non-condensing Backlit ProAV remote Yes
Noise level (typical) Noise level (max) 3D P rating OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Networking LAN - display LAN - wireless networking LAN	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger 38dB 40dB Full 3D TBC 12 languages: Dutch, English, French, German, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Spanish Yes Yes Operating: 10–85%RH, non-condensing. Storage: 5–90%RH, non-condensing Backlit ProAV remote Yes No
Noise level (typical) Noise level (max) 3D P rating OSD / display languages 24/7 operation 360° operation Operating conditions Remote control <b>Networking</b> LAN - display LAN - wireless networking LAN -	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger 38dB 40dB Full 3D TBC 12 languages: Dutch, English, French, German, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Spanish Yes Yes Operating: 10–85%RH, non-condensing. Storage: 5–90%RH, non-condensing Backlit ProAV remote Yes No
Noise level (typical) Noise level (max) 3D IP rating OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Networking LAN - display LAN - wireless networking LAN Power	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger 38dB 40dB Full 3D TBC 12 languages: Dutch, English, French, German, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Spanish Yes Yes Operating: 10–85%RH, non-condensing. Storage: 5–90%RH, non-condensing Backlit ProAV remote Yes No Yes
Noise level (typical) Noise level (max) 3D IP rating OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Networking LAN - display LAN - wireless networking LAN - Power Power supply Power consumption (standby)	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger 38dB 40dB Full 3D TBC 12 languages: Dutch, English, French, German, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Spanish Yes Yes Operating: 10–85%RH, non-condensing. Storage: 5–90%RH, non-condensing Backlit ProAV remote Yes No Yes No Yes
Noise level (typical) Noise level (max) 3D IP rating OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Networking LAN - display LAN - display LAN - wireless networking LAN Power Power supply Power consumption (standby) Power consumption (min)	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger 38dB 40dB Full 3D TBC 12 languages: Dutch, English, French, German, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Spanish Yes Yes Operating: 10–85%RH, non-condensing. Storage: 5–90%RH, non-condensing Backlit ProAV remote Yes No Yes AC 100–240 V @ 50/60 Hz 0.5W
Noise level (typical) Noise level (max) 3D IP rating OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Networking LAN - display LAN - display LAN - wireless networking LAN Power Power Power consumption (standby) Power consumption (max)	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger 38dB 40dB Full 3D TBC 12 languages: Dutch, English, French, German, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Spanish Yes Yes Operating: 10–85%RH, non-condensing. Storage: 5–90%RH, non-condensing Backlit ProAV remote Yes No Yes AC 100–240 V @ 50/60 Hz 0.5W 590W
Noise level (typical) Noise level (typical) Noise level (max) 3D IP rating OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Networking LAN - display LAN - display LAN - wireless networking LAN - Power supply Power consumption (standby) Power consumption (max) Weight and dimensions	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger 38dB 40dB Full 3D TBC 12 languages: Dutch, English, French, German, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Spanish Yes Yes Operating: 10–85%RH, non-condensing. Storage: 5–90%RH, non-condensing Backlit ProAV remote Yes No Yes AC 100–240 V @ 50/60 Hz 0.5W 590W 1,200W
General Noise level (typical) Noise level (max) 3D IP rating OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Networking LAN - display LAN - display LAN - wireless networking LAN - display LAN - wireless networking LAN Power Power consumption (standby) Power consumption (min) Power consumption (max) Weight and dimensions Dimensions (W x D x H) mm Gross weight	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger 38dB 40dB Full 3D TBC 12 languages: Dutch, English, French, German, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Spanish Yes Yes Operating: 10–85%RH, non-condensing. Storage: 5–90%RH, non-condensing Backlit ProAV remote Yes No Yes AC 100–240 V @ 50/60 Hz 0.5W 590W





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