

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 color matching

Ultra bright professional WUXGA laser projector



Specifications

Display/image	
Display technology	DLP
Resolution	WUXGA (1920x1200)
Brightness	19,000 lumens
ANSI brightness	16,000
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 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-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
LAN - wireless networking	HDMI, 1 x 3G-SDI
LAN - wireless networking General	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger
	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger
General	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger No
General Noise level (min)	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger No 36dB
General Noise level (min) Noise level (max) 3D	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger No 36dB 38dB
General Noise level (min) Noise level (max) 3D IP rating	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger No 36dB 38dB Full 3D IP5X
General Noise level (min) Noise level (max) 3D	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger No 36dB 38dB Full 3D
General Noise level (min) Noise level (max) 3D IP rating	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger No 36dB 38dB Full 3D IP5X 11 languages: Dutch, English, French, German, Hungarian,
General Noise level (min) Noise level (max) 3D IP rating OSD / display languages	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger No 36dB 38dB Full 3D IP5X 11 languages: Dutch, English, French, German, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Spanish
General Noise level (min) Noise level (max) 3D IP rating OSD / display languages 24/7 operation 360° operation	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger No 36dB 38dB Full 3D IP5X 11 languages: Dutch, English, French, German, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Spanish Yes Yes
General Noise level (min) Noise level (max) 3D IP rating OSD / display languages 24/7 operation	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger No 36dB 38dB Full 3D IP5X 11 languages: Dutch, English, French, German, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Spanish Yes
General Noise level (min) Noise level (max) 3D IP rating OSD / display languages 24/7 operation 360° operation	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger No 36dB 38dB Full 3D IP5X 11 languages: Dutch, English, French, German, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Spanish Yes Yes Operating: 10~85%RH, non-condensing. Storage: 5~90%RH,
General Noise level (min) Noise level (max) 3D IP rating OSD / display languages 24/7 operation 360° operation Operating conditions	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger No 36dB 38dB Full 3D IP5X 11 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
General Noise level (min) Noise level (max) 3D IP rating OSD / display languages 24/7 operation 360° operation Operating conditions Remote control	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger No 36dB 38dB Full 3D IP5X 11 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
General Noise level (min) Noise level (max) 3D IP rating OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Networking	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger No 36dB 38dB Full 3D IP5X 11 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
General Noise level (min) 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 Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger No 36dB 38dB Full 3D IP5X 11 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
General Noise level (min) Noise level (max) 3D IP rating OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Networking LAN - display LAN - display	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger No 36dB 38dB Full 3D IP5X 11 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
General Noise level (min) 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	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger No 36dB 38dB Full 3D IP5X 11 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
General Noise level (min) 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	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger No 36dB 38dB Full 3D IP5X 11 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
General Noise level (min) 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 No 36dB 38dB Full 3D IP5X 11 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 0.5WW
General Noise level (min) 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 No 36dB 38dB Full 3D IP5X 11 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 0.5WW 460W
General Noise level (min) 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 (max)	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger No 36dB 38dB Full 3D IP5X 11 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 0.5WW
General Noise level (min) 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 consumption (standby) Power consumption (min) Power consumption (max) Weight and dimensions	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger No 36dB 38dB Full 3D IP5X 11 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 0.5WW 460W 1,000W
General Noise level (min) 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 (max)	HDMI, 1 x 3G-SDI Control 1 x RJ45, 1 x USB-A service, 1 x 12V trigger No 36dB 38dB Full 3D IP5X 11 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 0.5WW 460W





Copyright © 2025 Optoma Technology, Inc. DLP® and the DLP logo are registered trademarks of Texas Instruments™. All other trademarks are the property of their respective owners. All specifications subject to change at any time. 05032025100655