

XEED 4K6021Z

LIGHT, BRIGHT AND RELIABLE: THE ULTIMATE IN 4K LASER PROJECTION

A 6000 lumen, 4K LCOS laser projector including display port with low running costs plus seven optional motorised lenses designed for high quality projection in creative environments and exhibition spaces.



- LCOS technology and AISYS for smooth, seamless images
- Native 4K resolution (4096 x 2160 pixels) approx. 17:9 aspect ratio
- Low total cost of ownership with laser light source offering up to 40,000 hours maintenance-free operation
- 6,000 lumen colour brightness and 22,000:1 dynamic contrast
- Compatible with 7 optional motorised Canon lenses for excellent quality and installation flexibility
- Multiple connection options with Display Ports, HDMI, Wi-Fi, LAN & RS232C
- Outstanding true colour reproduction covering the sRGB colour space and compatible with HDR (High Dynamic range) content
- Advanced imaging features including built-in edge blending



Canon

TECHNICAL SPECIFICATIONS

XEED 4K6021Z

PANEL	
Type	LCOS reflective display, TFT Active Matrix
Size and Number	0.74" diagonal, 3 panels
Aspect Ratio	approx 17:9
Native Resolution	4096 x 2160 (4K), 8,847,360 pixels
OPTICS	
Light source Type	Blue laser diodes and yellow phosphor
Lens F Number and Focal Length	F2.1 - F2.4; f=22.7 – 39.8mm (4K Lens)
Zoom Magnification and Control	1.76x Motorised (4K Lens)
Focus Control	Motorised
Lens mount	Spigot type
Lens Shift	Vertical: +/-73%* Horizontal: +/-11%*
IMAGE AND AUDIO	
Colour Brightness	6,000 lumens**
Colour Brightness Quiet mode 1 & 2	3,600 / 2,400 lumens**
Brightness Uniformity	80% or more (When 4K lens used)
Native Contrast Ratio	4000:1 (When iris is set to close 9)
Dynamic Contrast Ratio	22,000:1 (Dynamic contrast: High)
Projection Distance Coverage	0.45m – 86.0m (Depending on lens)
Screen Size	40" - 600" (86 x 54cm - 1292 x 808cm Depending on lens)
Distance for 100"	3.0 - 5.3m (4K lens)
Projection Ratio	1.34:1 - 2.35:1 (4K lens)
Digital Zoom Magnification	1.76x (4K lens)
Keystone Correction Range	Vertical & horizontal: +/-20°
Digital Image Input (HDMI or DP)	640x480, 720x480, 720x576, 800x600, 1280x720, 1024x768, 1366x768, 1440x900, 1280x1024, 1920x1080, 2048x1080, 2560x1080, 1920x1200, 2048x1200, 2560x1440, 2560x1600, 3840x2160, 4096x2160
DisplayPort 1x2	1280x480, 3840x2160, 4096x2160
HDBaseT Input	Equivalent to the digital image input
Network Communication	HDBaseT (100BASE-TX)
Built-in Speaker	Not provided

Class 1 Laser Products Complies with IEC60825-1: 2014
Strong light is radiated from the product; do not stare at the light source when in operation

PORTS AND CONNECTORS	
Digital Image Input	HDMI x 2
Digital Image Input	DP x 2
Digital Video and Audio Input	HDMI, DP & HDBaseT
HDBaseT Input	RJ-45 (HDBaseT) Image, audio, control signal & network
Audio Output	3.5mm stereo mini-jack
DC 12v (max 0.35A)	3.5mm mini-jack
Wired Remote Control	3.5mm mini-jack
USB Port	USB Type A (Firmware update)
Service Port / Projector Control	Mini D-Sub 9-pin / RS-232
Network Port	RJ-45 HDBaseT input (100BASE-TX)
Wi-Fi transmission standard	IEEE 802.11b / g / n
Wi-Fi transmission distance	Up to 25m (no electric wave interference / clear view to access point)
Wi-Fi encryption	Open / WEP / WPA-PSK TKIP / WPA-PSK AES / WPA2-PSK TKIP / WPA2-PSK AES
Wi-Fi Connection Modes	Infrastructure mode PjAP (Projector Access Point) mode
Wi-Fi certification and WPS	Acquired. Push Button Method (PBC) & PIN code method (PIN)
MECHANISMS	
Elevation Mechanism	Four rotary feet, extension length 14.6mm Maximum angle of elevation +/-1.8°
RATINGS	
Dimensions (W x H x D)	480mm x 196mm x 545mm (excluding lens)
Weight	19kg (without lens)
Power Source	100V - 240V AC, 50/60Hz
Power Consumption	625 W Standby: 0.25-1.6W (depending on HDBaseT and network settings)
Heat Dissipation	2131 BTU/h
Light source Life	20,000 / 40,000 hours
Noise Level (normal / quiet modes)	38 / 33 / 29 dB
Operating Environment	0°C to +45°C (20%RH - 85%RH)
Storage Environment	-20°C to +60°C

All data is based on Canon standard testing methods except where indicated
Subject to change without notice.
* When using RS-SL07RST 4K lens, normal mode. In expanded mode, (optical performance not guaranteed) V: +/-104%, H: +/-25%.
Maximum lens shift in both directions is not possible.
** When Image mode is set to presentation / RS-SL07RST 4K lens

INTERFACE FEATURES



		Terminal	Signal
Image input	3	HDMI (1)	Digital PC/ Digital video
	4	HDMI (2)	Digital PC/ Digital video
	5	DisplayPort (1)	Digital PC/ Digital video
	6	DisplayPort (2)	Digital PC/ Digital video
Audio output	2	RJ-45	HD BaseT/ Network
	7	Mini jack	Stereo sound
Control	1	USB type A	USB connection
	8	Mini jack	DC 12 V (maximum 0.35 A)
	9	Mini jack	Wired remote control connection
	10	Dsub9	RS-232C connection



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PROJECTION DISTANCE (METERS)

Lens	100"	200"	300"	400"	500"	600"
Ultra-Wide Fixed Lens RS-SL06UW	1.12	2.25	3.38			
Wide Fixed Lens RS-SL03WF	1.67	3.33	4.99			
Wide Zoom Lens RS-SL05WZ	2.08 - 3.12	4.16 - 6.27	6.24 - 9.41	8.32 - 12.56	10.40 - 15.71	12.48 - 18.85
4K Standard Zoom Lens RS-SL07RST	3.0 - 5.29	6.0 - 10.57	9.01 - 15.86	12.01 - 21.14	15.01 - 26.43	18.0 - 31.7
Standard Zoom Lens RS-SL01ST	3.10 - 4.65	6.21 - 9.32	9.32 - 13.99	12.43 - 18.65	15.54 - 23.32	18.65 - 27.99
Long Zoom Lens RS-SL02LZ	4.56 - 7.77	9.16 - 15.59	13.76 - 23.40	18.36 - 31.21	22.96 - 39.03	27.56 - 46.84
Ultra-Long Zoom Lens RS-SL04UL	7.39 - 14.44	14.65 - 28.75	21.91 - 43.05	29.17 - 57.36	36.43 - 71.67	43.69 - 85.98

ADDITIONAL INFORMATION

Lens	Throw ratio (100")	Lens shift max	Image size (in)	Projection distance (m)	Zoom magnification	F no.	Focal length	Weight
Wide Fixed Zoom Lens RS-SL06UW	0.54:1	V: -22% / 83% H: +/-25%	40 - 300	0.45 - 3.38	n/a	2.4	8.31mm	1605g
Wide Fixed Zoom Lens RS-SL03WF	0.80:1	V: +/-7% H: +/-2%	40 - 300	0.67 - 4.99	n/a	2	12.8mm	1060g
Wide Zoom Lens RS-SL05WZ	1.00 - 1.50:1	V: -22% / 60% H: +/-6%	40 - 600	0.83 - 18.85	1.5x	2.09-2.34	15.56-23.34mm	1065g
4K Standard Zoom Lens RS-SL07RST	1.34 - 2.35:1	V: +/-73% H: +/-11%	40 - 600	1.2 - 31.71	1.76x	2.1-2.4	22.7-39.8mm	1900g
Standard Zoom Lens RS-SL01ST	1.49 - 2.24:1	V: -22% / 60% H: +/-6%	40 - 600	1.23 - 27.99	1.5x	1.89-2.65	23.0-34.5mm	725g
Long Zoom Lens RS-SL02LZ	2.19 - 3.74:1	V: -22% / 60% H: +/-6%	40 - 600	1.80 - 46.84	1.7x	1.99-2.83	34.0-57.7mm	925g
Ultra-Long Zoom Lens RS-SL04UL	3.55 - 6.94:1	V: -22% / 60% H: +/-6%	60 - 600	4.48 - 85.98	1.97x	2.34-2.81	53.6-105.6mm	1110g



RS-SL06UW



RS-SL03WF



RS-SL05WZ



RS-SL07RST



RS-SL01ST



RS-SL02LZ



RS-SL04UL

