4K Ultra HD Serial (60fps)

4K Professional Box Camera UAI4JX2612 / UAI4JX2620

4K
60FPS

12× Optical
Zoom

AI
Autoframing

PoE

Multiple
Interface

Designed for ProAV market, integrated with high quality 4K CMOS sensor and microphones, provide high quality A/V experiences and seamless communication for end users.

JX2612

JX2620

Features

▼ 4K60FPS
Use a high -quality 1/2.8 inches UHD CMOS sensor with 8.40 million pixels. Support max 4K60fps image output and multiple lower resolutions like 1080p/720p.

▼ Optical Zoom + Wide -angle Lens
JX2620:
4K optical lens, support max 20× optical zoom and 60.7° horizontal field of view, can cover the demand of Extra-large conferencing room and other scenarios need larger optical zoom.
JX2612:
4K optical lens, support max 12× optical zoom and 72.5° horizontal field of view, can cover the demand of Extra-large conferencing room and other scenarios need larger optical zoom.

▼ Quick control with the buttons on the camera body
With the buttons on the camera body, convenient for user operation.

▼ Full -function Webpage
The configuration and application of all functions can be completed through the webpage.

▼ TOF 1
The camera is equipped with a laser-assisted zoom instrument, with the built-in advanced auto focus algorithm, can achieve rapid and accurate auto focus.

▼ 3G-SDI
Support max 1080P60 resolution over SDI.

▼ Microphone
The built -in microphone array can be picked up, the pick -up distance is 6 meters, and the noise inhibitory algorithm makes the voice perfect.

▼ Double Infrared Receiving
The front and rear infrared perceptions have expanded the scope of infrared receiving and enhanced the remote control operation experience.

▼ Multiple Interfaces
Support HDMI, SDI, USB, network output.

Remark:
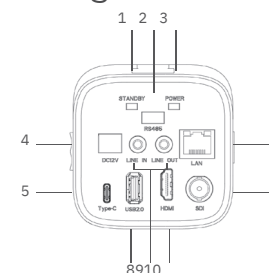1.This function is optional.

Product Specification

▼ Difference	JX2612	JX2620
Optical Zoom	12x	20x
Horizontal FOV	72.5° ~ 6.9°	60.7° ~ 3.36°
Vertical FOV	44.8° ~ 3.9°	34.1° ~ 1.89°

▼ Camera Spec

Signal System	HDMI: 4KP60, 4KP50, 4KP30, 4KP25, 4KP59.94, 4KP29.97, 1080P60 etc. 3G-SDI: 1080P60, 1080P50, 1080P30, 1080P25, 720P60 etc.
Sensor	1/2.8 inches, CMOS, Effective Pixels: 8.4
Focus Mode	Megapixels
Minimum Illumination	Auto, One Push, Manual
Shutter	0.5Lux
White Balance	1/30s ~ 1/10000s
Backlight	Auto, Indoor, Outdoor, One Push, Manual, VAR
Compensation HDR	Support
Digital Noise Reduction	Support
SNR	2D/3D Digital Noise Reduction
Anti-flicker	≥55dB
Image Flip	Support
Image Freeze	Support
PoE	Support
Preset Position	Support
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▼ Device operation

Body Buttons	Quantity: 8; Features: Zoom operation, focus operation, brightness adjustment, menu control, image freezing, and mode switching.
Webpage	Full -Function Webpage
Remote Control	360 ° infrared remote control support
Menu	Support multi -way operation menu: keys, remote control, web pages, remote control.

▼ I/O

HD Output	1 x HDMI: Version 2.0; 1 x 3G-SDI: BNC , 800mVp-p, 75Ω, as per SMPTE 424M standard
Network	1 x RJ45: 10M/100M/1000M adaptive Ethernet Support: PoE(802.3af)
Interface	1 × Line In, 3.5mm Jack; 2 × Microphone input
Audio Input	1 × Line Out, 3.5mm Jack
Audio Output	1 x USB3.0,Type-C
USB Interface	1 x RS485: 2pin phoenix port, Max Distance: 1200m, Protocol: VISCA / Pelco-D / Pelco-P;
Control Interface	DC005-2.0mm type （DC IN 12V)
Power Interface	

▼ Network Spec

Video Compression	H.264 / H.265 / MJPEG
Video Stream	First Stream, Second Stream
First Stream Resolution	3840x2160, 1920x1080, 1280x720 etc.
Second Stream Resolution	1920x1080, 1280x720, 1024x576 etc.
Video Bit Rate	32kbps~102400kbps
Bit Rate Control	VBR, CBR
Frame Rate	50Hz: 1fps~50fps, 60Hz:1fps~60fps
Audio Compression	AAC、G711A
Sampling Rate	48KHz
Audio Bit Rate	48Kbps, 64Kbps, 96Kbps, 128Kbps
Protocols	NDI®|HX2,SRT,TCP/IP, HTTP, RTSP, RTMP(s), Onvif,DHCP,GB/T 28181, Multicast, etc.

▼ USB Spec

Operating System Supported	Windows 7 (only supports UVC1.1 features), Windows 8 and above version, Mac OS X, Linux 2.4.6 and above version, Android needs to include the version of UVC-related drivers
Color System / Compression	H.264 / MJPEG / YUY2
Video Format	YUY2: Max.1080P30 H.264 AVC: Max.2160P H.264 SVC: Max.2160P MJPEG: Max.2160P
USB Audio	Support
USB Video Communication Protocol	UVC 1.1
UVC PTZ Control	Support

▼ Generic Spec

Input Voltage	DC 12V /PoE （802.3af)
Input Current	1A （Max.)
Operating Temperature	-10℃ ~ 40℃
Storage Temperature	-40℃ ~ 60℃
Dimension	145mm (W) x 76mm (D) x 78.5mm (H)

Interface Diagram

1	STANDBY	6	LAN
2	RS485	7	3G-SDI
3	POWER	8	USB2.0
4	DC 12V	9	LINE IN / LINE OUT
5	Type-C	1	HDMI
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