4KUltra HD Serial (30fps)

4K Professional Camera UAI413WDZU3

4K UHD | **Wide Microphone Angle lens** | **Local storage** | **PoE**

Equipped with high quality 4K CMOS sensor and low distortion 110° HFoV lens, up to 9meters omidirectional voice pickup, support PoE, best choice for live streaming, live teaching/learning.

Product Specification

▼ Camera Spec

Sensor	1/2.8 inches, CMOS, Effective Pixels: 8.4 Megapixels Scanning ModeProgressive
Type of Lens Mount	M12
Lens	Focal length: f=1.97mm, Horizontal FOV: 110°
Digital Zoom	8x
Minimum Illumination	0.5Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Backlight Compensation	Support
Digital Noise Reduction	3D Digital Noise Reduction
Camera Bracket	Optional
Image Freeze	Support
PoE	Support
Local Storage	Support

▼ Network Spec

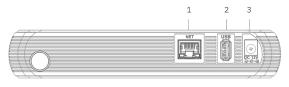|	
Video Compression	H.265 / H.264 / MJPEG
Video Stream	First Stream, Second Stream
First Stream Resolution	3840x2160, 1920x1080, 1280x720 etc.
Second Stream Resolution	720x480, 320x240 etc.
Video Bit Rate	First Stream: 32kbps~51200kbps Second Stream: 32kbps~20480kbps
Bit Rate Control	VBR, CBR
Frame Rate	50Hz: 1fps~50fps, 60Hz:1fps~60fps
Audio Compression	AAC、G711A
Audio Bit Rate	96Kbps，128Kbps
Protocols	NDI®|HX2,SRT,TCP/IP, HTTP, RTSP, RTMP(s), Onvif,DHCP,GB/T 28181, Multicast, etc.

▼ I/O

Network Interface	1 x RJ45: 10M/100M/1000M adaptive
USB Interface	Ethernet 1 x USB2.0, Type-A
Power Interface	DC005 type（DC12V)

▼ Generic Spec

Input Voltage	DC 12V/PoE（802.3af)
Input Current	0.5A（Max.)
Operating Temperature	-10℃ ~ 40℃
Storage Temperature	-40℃ ~ 60℃
Power Consumption	6W（Max.)
Dimension	194mm (W) x 42mm (D) x 34mm (H) (excluding bracket and antenna)
Net Weight	0.34kg

Features

▼ 4K UHD
Use a high -quality 1/2.8 inches UHD CMOS sensor with 8.40million pixels. Support max 4K30fps image output and multiple lower resolutions like 720p.

▼ Lens
No distorted lens, 110 ° ultra -wide -angle, and supports EPTZ.

▼ Microphone
The built -in microphone array can be picked up, the pick -up distance is 9 meters, and the noise inhibitory algorithm makes the voice perfect

▼ Local Storage
Support U disk local storage, local recording directly without NVR.

▼ Low Illumination
The new generation high performance CMOS image sensor can significantly reduce the image noise in low illumination. With the 3D noise reduction algorithms, even in an ultra-low illumination environment,camera can still deliver a sharp and clean image with more than 55dB S/N ratio.

▼ PoE
The cable network supports POE power supply, control, power supply, video, audio only requires one network cable.

Remark:
1.The maximum pickup distance is obtained from the VHD laboratory test. The actual distance is different from the user environment.

Interface Diagram

1 —— NET
2 —— USB
3 —— DC 12V