

Ultra HD 4K Video Conference Camera UV410

Ultra HD, Wide viewing angle, Electronic pan/tilt, Multi-protocols

UV410 Ultra HD 4K camera has perfect functions and superior performance, which adopts advanced ISP processing algorithms so as to provide vivid images with evenly clear brightness, strong color layering, high resolution, and fantastic color rendition.



Key Features:

- **4K Ultra HD Image**
UV410 adopts 1/2.5 inch, 8.28 megapixel high quality CMOS sensor. Resolution is up to 4K with frame rate up to 30fps.
- **Multiple Optical Zoom Lens**
5X optical zoom lens offer 79.18° wide angle without distortion.
- **Leading Auto Focus Technology**
Leading auto focus algorithm makes lens auto focus more quickly, accurately and stably.
- **Low Noise and High SNR**
Low Noise CMOS effectively ensure high SNR of camera video. The adoption of advanced 2D/3D noise reduction technology not only further reduces the noise, but also ensuring image sharpness.
- **Multiple Video Output Interfaces**
Support HDMI, USB3.0, LAN. HDMI and LAN support audio output.
- **Multiple Audio/Video Compression Standard**
Support H.264/H.265 video compression, AAC, MP3 and G.711A audio compression and 3840×2160 resolution with frame rate up to 30fps compression.
- **Audio Input Interface:** Support 8000, 16000, 32000, 44100, 48000 sampling frequency and AAC, MP3, G.711A audio coding.
- **Built-in gravity sensor**
Built-in gravity sensor, support the automatic flip function of the gimbal, convenient for engineering installation.
- **Multiple Network Protocols**
Support ONVIF, GB/T28181, RTSP, RTMP protocols, RTMP push mode, which is easy to link streaming media server

- (Wowza, FMS), RTP multicast mode and network full command VISCA control protocol.
- **Control interface:** RS422(compatible with RS485), RS232; RS232 support cascade, easy to install and use.
- **Multiple Control Protocol**
Support VISCA, PELCO-D, PELCO-P protocols and Automatic identification protocol.
- **Extremely Quiet PTZ**
Adopting step driving motor mechanism and motor drive controller with high precision is to ensure PTZ works smoothly with low speed and without noise.
- **Low-Power Sleep Function**
Support low-power sleep/wake up, the consumption is lower than 400mW under sleep mode.
- **Multiple Preset**
Support 255 preset positions (the remote controller is set to 10 preset positions).
- **Multiple Remote Controller**
- Users can choose infrared remote controller or wireless remote controller according to the environmental conditions. 2.4G wireless remote controller is not affected by the angle, distance, infrared interference. Support remoter signal pass through function, which is convenient for back-end use.
- **Wide Application**
Tele-education, Lecture Capture, Webcasting, Videoconferencing, Tele-training, Tele-medicine, Interrogation and Emergency command systems.

Technical Specification:

Model Number	UV410
Camera/ Lens Parameters	
Image Sensor	1/2.5 inch High Quality 4K CMOS Sensor
Effective Pixels	8.28MP, 16:9
Video Format	HDMI Video Output Format: 4KP@30fps/25fps 1080P@30fps/25fps 1080I@60fps/50fps 720P@60fps/50fps USB Video Output Format: 4KP@30fps/25fps; 1080P@30fps/25fps; 720P@30fps/25fps LAN Video Output Format: 4K@30fps/25fps 1080P@30fps/25fps 720P@30fps/25fps
Optical Zoom	5X
View Angle	Wide: 86.13°(D)/ 79.18°(H)/ 49.22°(V) Tele: 30.27°(D)/26.51°(H)/ 15.29°(V)
AV	F2.0-F2.8
Digital Zoom	10X
Minimum Illumination	0.5Lux(F1.8, AGC ON)
DNR	2D & 3D DNR
White Balance	Auto / Manual/ One Push/3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K
Focus	Auto / Manual/One Push
Aperture	Auto / Manual
Electronic Shutter	Auto/Manual
WDR	OFF/ Dynamic level adjustment
BLC	ON/OFF
Video Adjustment	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve



SNR	>55dB
USB Features	
Supported Operating System	Windows 7, Windows8, Windows10, Mac osx, Linux etc.
USB Audio	Supported
USB Communication Protocols	UVC/ UAC
Input/Output Interface	
Video Output Interfaces	HDMI, LAN(POE), USB3.0(Type A compatible USB2.0), RS232input, RS232output, RS422(compatible with RS485), A-IN
Image Code Stream	Double stream output
Video Compression Format	MJPEG, H.264, H.265
Audio Input Interface	A-IN, Double track 3.5mm linear Input
Audio Output Interface	HDMI, LAN(POE)
Audio Compression Format	AAC/ MP3/ G.711A
Lan Interface	10M/100M/1000M adaptive Ethernet Port, support POE power supply, support audio and video output
Network Protocol	Support RTSP, RTMP, ONVIF, GB/T28181, VISCA Control Protocols. Support Remote Update, Reboot and Reset
Control Interface	RS232(Input & Output), RS422(compatible with RS485)
Power Interface	HEC3800 outlet (DC12V)
Power Adaptor	Input: AC110V-AC220V Output: DC12V/1.5A
Input Voltage	DC12V±10%
Input Current	1.5A
Power Consumption	18W
PTZ Parameters	
Pan Rotation	-120~+120°
Tilt Rotation	-30°~ +30°
Pan Control Speed	0.1- 60°/Sec
Tilt Control Speed	0.1-30°/Sec
Preset Speed	Pan: 60°/Sec, Tile: 30°/Sec
Preset Number	255 presets (10 presets by remote controller)
Other Parameters	
Store Temperature	-10℃~+60℃
Store Humidity	20%-95%
Working Temperature	-10℃~+50℃
Working Humidity	20%-80%
Dimension(L*W*H)	140mm×155mm×173mm
Using environment	Indoor only
Accessory	
Random Accessory	Power supply, RS232 control cable, USB3.0 connection cable, remoter, manual, warranty card
Optional Accessories	Mounting bracket

Dimension(unit: mm)

