

# Ultra HD 4K Video Conference Camera UV400

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

UV400 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.

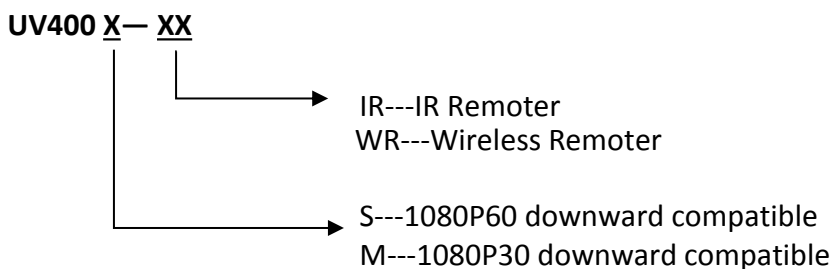


## Key Features:

- **4K Ultra HD Image**  
UV400 adopts 1/2.5 inch, 8.28 megapixel high quality CMOS sensor. Resolution is up to 4K with frame rate up to 60fps.
- **Multiple Optical Zoom Lens**  
20X optical zoom lens offer 80.4° 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, HDBaseT. HDMI, LAN and HDBaseT 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 60fps 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.

### Order Model No.:



## Technical Specification:

<b>Model Number</b>	<b>UV400</b>
<b>Camera/ Lens Parameters</b>	
<b>Image Sensor</b>	1/2.5 inch High Quality 4K CMOS Sensor
<b>Effective Pixels</b>	8.28MP, 16:9
<b>Video Format</b>	HDMI Video Output Format: 4K@60fps/50fps/30fps/25fps 1080P@60fps/50fps/30fps/25fps/29.97fps 1080I@60fps/50fps/59.94fps 720P@60fps/50fps/30fps/25fps/29.97fps USB3.0 Video Output Format: up to 4K@P30fps; USB3.0 is compatible with USB2.0 output LAN Video Output Format: Up to 3840×2160@30
<b>Optical Zoom</b>	12X
<b>View Angle</b>	Wide: 89.0°(D)/80.4°(H)/50.0°(V) Tele: 8.8°(D)/7.7°(H)/ 4.5°(V)
<b>Focus</b>	f=3.85~43.06mm
<b>AV</b>	F1.8-F3.56
<b>Digital Zoom</b>	10X
<b>Minimum Illumination</b>	0.5Lux(F1.8, AGC ON)
<b>DNR</b>	2D & 3D DNR
<b>White Balance</b>	Auto / Manual/ One Push/3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K
<b>Focus</b>	Auto / Manual/One key focus
<b>Aperture</b>	Auto / Manual
<b>Electronic Shutter</b>	Auto/Manual
<b>WDR</b>	OFF/ Dynamic level adjustment
<b>BLC</b>	ON/OFF
<b>Video Adjustment</b>	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve
<b>SNR</b>	>55dB
<b>USB Features</b>	
<b>Supported Operating System</b>	Windows 7, Windows8, Windows10, Mac osx, Linux etc.
<b>USB Audio</b>	Supported
<b>USB Communication Protocols</b>	UVC/ UAC
<b>Input/Output Interface</b>	
<b>Video Output Interfaces</b>	HDMI, HDBaseT(POE), LAN(POE), USB3.0(Type A compatible USB2.0), RS232input, RS232output, RS422(compatible with RS485), A-in
<b>Image Code Stream</b>	Double stream output
<b>Video Compression Format</b>	MJPEG, H.264, H.265
<b>Audio Input Interface</b>	A-IN, Double track 3.5mm linear Input
<b>Audio Output Interface</b>	HDMI, HDBaseT(POE), LAN(POE)
<b>Audio Compression Format</b>	AAC/ MP3/ G.711A
<b>Lan Interface</b>	10M/100M/1000M adaptive Ethernet Port, support POE power supply, support audio and video output
<b>Network Protocol</b>	Support RTSP, RTMP, ONVIF, GB/T28181, VISCA Control Protocols. Support Remote Update, Reboot and Reset
<b>Control Interface</b>	RS232(Input & Output), RS422(compatible with RS485)
<b>Power Interface</b>	HEC3800 outlet (DC12V)
<b>Power Adaptor</b>	Input: AC110V-AC220V Output: DC12V/1.5A
<b>Input Voltage</b>	DC12V±10%
<b>Input Current</b>	1.5A
<b>Power Consumption</b>	18W
<b>PTZ Parameters</b>	
<b>Pan Rotation</b>	-170~+170°
<b>Tilt Rotation</b>	-30°~ +90°
<b>Pan Control Speed</b>	0.1- 300°/Sec
<b>Tilt Control Speed</b>	0.1-80°/Sec
<b>Preset Speed</b>	Pan: 300°/Sec, Tile: 80°/Sec
<b>Preset Number</b>	255 presets (10 presets by remote controller)

Other Parameters	
Store Temperature	-10°C ~ +60°C
Store Humidity	20%-95%
Working Temperature	-10°C ~ +50°C
Working Humidity	20%-80%
Dimension	173mm×158mm×201mm
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)**

