

## UVZ500 Series HD Video Conference Camera

### Full HD, Wide View Angle, Multiple Zoom Lens, Multiple Video Interfaces and Multiple protocols

UVZ500 series camera offers perfect functions, superior performance and rich interfaces. The features include advanced ISP processing algorithms to provide vivid images with a strong sense of depth, high resolution, and fantastic color rendition.



#### Product Features:

- **Superb High-definition Image:** UVZ500 employs 1/2.9 inch high quality CMOS sensor. Resolution is up to 1920x1080 with frame rate up to 30fps.
- **Various Optical Zoom Lens:** UVZ500 has 3X/10X optical zoom lens for options.
- **Cutting-edge Auto Focus Technology:** Focus on intelligent image processing, with auto white balance (AWB), auto exposure (AE) and auto focus (AF) functions, the camera can automatically output the best video image in different environment.
- **Low Noise and High SNR:** Low Noise CMOS effectively ensure high SNR of camera video. Advanced 2D/3D noise reduction technology is also used to further reduce the noise, while ensuring image sharpness.
- **Multiple Control Interface:** RS232, RS485; RS232 support daisy chain, convenient for installation.
- **Multiple Control Protocols:** Support VISCA, Pelco P/D and support protocol auto-recognition.
- **Low-power sleep function:** Support low-power sleep and wake up function, of which power consumption is lower than 400mw.
- **Preset:** Support up to 255 presets (10 presets by remote)
- **Application:** Tele-education, lecture capture, Webcasting, Videoconferencing, Tele-training, Tele-medicine, Interrogation and Emergency command systems.

#### Order No.

UVZ500-XX



#### Technical Specification

Model Number	UVZ500-03	UVZ500-10
Camera Parameter		
Image Sensor	1/2.9 Inch High Quality CMOS Sensor	

<b>Effective Pixels</b>	2.07MP, 16:9	
<b>Video Format</b>	1920×1080P@30 fps/25fps; 1280×720P@30fps/25fps; 1024×576P@30fps/25fps; 960×540P@30fps/25fps; 800×448P@30fps/25fps; 640×360P@30fps/25fps; 320×176P@30fps/25fps	
<b>Optical Lens</b>	f=3.35mm~10.05mm	f=4.34mm~41.66mm
<b>View Angle</b>	34.1° ~ 110°	8.8° ~ 68.8°
<b>Iris</b>	F1.7~3.0	F1.85 - F2.43
<b>Optical Zoom</b>	3x	10x
<b>Digital Zoom</b>	10X	
<b>Low 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 Push/	
<b>Exposure</b>	Auto / Manual	
<b>BLC</b>	On/Off	
<b>WDR</b>	OFF/ Dynamic Level Adjustment	
<b>Video Adjustment</b>	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve	
<b>SNR</b>	>50dB	
<b>Interface and Protocol</b>		
<b>Video Output</b>	USB2.0 (Type A)	
<b>Control Port</b>	RS232(Circuit), RS485	
<b>Control Protocol</b>	Protocol: VISCA/Pelco-D/Pelco-P	
<b>Power Supply</b>	HEC3800 Outlet (DC12V)	
<b>USB characteristics</b>		
<b>Support operating system</b>	Windows 7,Windows8,Windows10,Mac osx,Linux	
<b>Video Compression</b>	H.265, H.264, MJPG	
<b>communication protocol</b>	UVC	
<b>PTZ Parameter</b>		
<b>Pan/Tilt Rotation</b>	-170°~+170°, -30°~+30°	
<b>Pan/Tilt Control Speed</b>	0.1~60°/Sec, 0.1~30°/Sec	
<b>Preset Speed</b>	Pan:60°/Sec, Tilt: 30°/Sec	
<b>Preset Numbers</b>	255 Points Preset (10 points By Remote Controller)	
<b>Other Parameter</b>		
<b>Working Voltage</b>	12V	
<b>Working current</b>	0.25A(max)	

<b>Power Consumption</b>	2.5W(max)
<b>Storage Temperature</b>	-10°C~+60°C, 20%~95%
<b>Working Temperature</b>	-10°C~+50°C, 20%~80%
<b>Dimension</b>	156.8mm×112.6mm×139.5mm
<b>Weight</b>	About 1kg
<b>Usage</b>	Indoor Only
<b>Package</b>	Power supply, Remote Controller, Manual, Warranty Card, USB2.0 Cable
<b>Accessories Optional</b>	Mount (Extra Cost)

**Dimension (unit: mm)**

