

UVZ500 Series HD Video Conference Camera

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

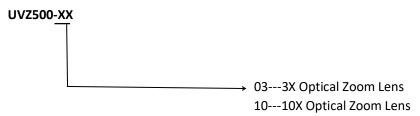
UVZ500 series camera offers perfect functions, superior performance and rich interfaces. The features include advanced ISP processing algorithms to provide vivid images with a strong sense of depth, high resolution, and fantastic color rendition.



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/10Xptical 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 remoter)
- Application: Tele-education, lecture capture, Webcasting, Videoconferencing, Tele-training, Tele-medicine, Interrogation and Emergency command systems.

Order No.



Technical Specification

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

Effective Pixels	2.07MP, 16:9			
Video Format	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			
Optical Lens	f=3.35mm~10.05mm	f=4.34mm~41.66mm		
View Angle	34.1° ~110°	8.8° ~ 68.8°		
Iris	F1.7~3.0	F1.85 - F2.43		
Optical Zoom	3x	10x		
Digital Zoom	10X			
Low 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/			
Exposure	Auto / Manual			
BLC	On/Off			
WDR	OFF/ Dynamic Level Adjustment			
Video Adjustment	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve			
SNR	>50dB			
Interface and Protocol				
Video Output	USB2.0 (Type A)			
Control Port	RS232(Circuit), RS485			
Control Protocol	Protocol: VISCA/Pelco-D/Pelco-P			
Power Supply	HEC3800 Outlet (DC12V)			
USB characteristics				
Support operating system	Windows 7, Windows 8, Windows 10, Mac osx, Lin	ux		
Video Compression	H.265, H.264, MJPG			
communication protocol	UVC			
PTZ Parameter				
Pan/Tilt Rotation	-170°~+170°, -30°~+30°			
Pan/Tilt Control Speed	0.1~60°/Sec, 0.1~30°/Sec			
Preset Speed	Pan:60°/Sec, Tilt: 30°/Sec			
Preset Numbers	255 Points Preset (10 points By Remote Controller)			
Other Parameter				
Working Voltage	12V			
Working current	0.25A(max)			



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

Dimension (unit: mm)

