



UV570D0&D1

HD PTZ Camer

- **Full HD Resolution:** 1/2.8 inch high quality CMOS sensor. Resolution is up to 1920x1080 with frame rate up to 60 fps
- **Optical Zoom Lens:** It has 12X/20X optical zoom lens for options
- **Leading Auto-focus Technology:** Boasting leading auto-focus algorithm, this camera can achieve auto focus with speed, accuracy, and stability
- **Low Noise and High SNR:** Low Noise CMOS effectively ensure high SNR of video. Advanced 2D/3D noise reduction technology is used to further reduce the noise while ensuring image resolution
- **Support Multiple Control Protocol:** Support VISCA, PELCO-D, PELCO-P protocols, which can also be automatically recognized
- **Multiple video output interfaces:** HDMI, USB 3.0, LAN
- **Control Interface:** RS422 is compatible with RS485, RS232-IN, RS232-OUT, and the RS232 interface supports cascading
- **AI Human Detection:** Built-in high-speed processor and advanced image processing and analysis algorithms, users can choose real-time tracking and regional tracking according to the environment

Technical Specification

12X	20X
• Optical Lens: 12X; f=3.9~46.8mm	20X; f=5.2~98mm
• Viewing Angle: 6.3° (N) 72.5° (W)	3.2° (N) 56° (W)
• Iris Value: F1.8 – F2.4	F1.5 – F3.0
• Image Sensor: 1/2.8 inch high quality HD CMOS sensor	
• Effective Pixel: 2.07M, 16: 9	
• Digital Zoom: 10X	
• Minimum Illumination: 0.5Lux(F1.8, AGC ON)	
• DNR: 2D & 3D	
• White Balance: Auto/Manual/One-push/3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K	
• Focus: Auto/Manual/One Push Focus	
• Iris: Auto/Manual	
• Electronic Shutter: Auto/Manual	
• BLC: ON/OFF	
• WDR: OFF/ Dynamic level adjustment	
• Video Adjustment: Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma Curve	
• SNR: ≥50dB	
• Video Formate: HDMI Output: 1080P60,1080P50,1080P30,1080P25,720P60,720P50,1080P59.94,1080P29.97,720P59.94; USB3.0 Output: Mainstream: YUY2/NV12: 1920×1080/1280×720/1024×576/800×600/800×448/640×360/640×480/ 480×270/320×180@30/25/20/15/10/5fps; MJPG/H264: 1920×1080/1600×896/1280×720/1024×576/960×540/800×600/800×448/720×576/720×480/640×360/ 640×480/480×270/352×288/320×240@30/25/20/15/10/5fps; Substream: YUY2/NV12: 1920×1080/1280×720/1024×576/800×600/800×448/640×360/640×480/480×270/ 320×180@30/25/20/15/10/5fps; MJPG/H264: 1920×1080/1600×896/1280×720/1024×576/960×540/800×600/800×448/720×576/720×480/640×360/ 640×480/480×270/352×288/320×240@30/25/20/15/10/5fps	

Interface

- Interface: HDMI, LAN(POE),USB3.0 (TypeB compatible withUSB2.0) , A-IN,RS232-IN, RS232-OUT,RS422 (compatible with RS485)
- Video Compression Formats: LAN: H.265, H.264; USB 3.0: MJPG、H264、H.265、YUY2、NV12
- Audio Input : Double track 3.5mm linear input
- Audio Output : HDMI, LAN, USB3.0
- Audio CompressionFormat: AAC, MP3, G.711A
- LAN Jack: 100M (10/100BASE-TX)
- Network Protocols: RTSP/RTMP,ONVIF,GBT28181 Support network VISCA control protocol; Support remote upgrade, restart, reset
- Control Jacks: RS232-IN,RS232-OUT, RS422 compatible with RS485
- Serial Port Communication Protocols: VISCA/Pelco-D/Pelco-P; Support Baudrate: 115200/38400/9600/4800/2400
- USB CommunicationProtocol: UVC (Video Communication Protocol) , UAC (Audio Communication Protocol)
- Power Supply: HEC3800 Outlet (DC12V)
- Power Adapter: AC110V~AC220V to DC12V/2.5A
- Input Voltage: DC12V±10%
- Input: <1A
- Consumption: <12W

AI Function

- Real-Time Tracking: Maximum Tracking Range: 6-7 meters. Support speakers to walk at a speed of 3-4 meters
- Regional Tracking: Maximum Tracking Region: 4. Support set the region within horizontal -170°~+170° and vertical -30°~+90°



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