

EPTZ Educational Tracking Camera UV200T/S

UV200T product is a 4K ultra-high definition, automatic focusing, EPTZ automatic tracking camera, built-in leading image recognition and tracking algorithm, without any auxiliary positioning camera or tracking host can also achieve a smooth and natural teacher tracking effect, fully meet the needs of teaching, recording and remote interactive teaching and other application scenarios. UV200T series adopts advanced ISP technologies and algorithms, to make a vivid image quality, screen brightness uniformity, strong sense of depth, high-definition, and fantastic color rendition. As a stable, reliable and simple machine to operate, UV120T series has full function and high performance. Also it is easy to install and maintain.



Product Features:

- **Intelligent teaching tracking**
Built-in leading image recognition and tracking algorithm, without any auxiliary positioning camera or tracking host, can achieve stable, accurate and fast tracking of targets.
- **Strong anti-interference ability**
More flexible identification of the shielding area setting, so that once the tracking target is locked, it is not affected by interference from other moving targets or projectors.
- **Tracking is smooth**
The motion sensitivity can be adjusted, and the small movement of the tracking target and the movement of the hand will not cause the camera to malfunction.
- **Strong environmental adaptability**
The tracking effect is not affected by the size, shape and seating arrangement of the classroom.
- **Ultra wide dynamic exposure function**
Avoid the problem of tracking target darken under the strong light background of projectors etc.
- **Multiple tracking modes**
Support multiple tracking mode switching (tracking mode, movie mode and area tracking mode).
- **Ultra HD**
Using 1/2.5-inch high-quality 4K CMOS sensor, it delivers clear and realistic ultra-high-definition video, vividly showing the expressions and movements of people.
- **EPTZ function**
Support 3 times electronic zoom, and support EPTZ control.
- **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 Compression Standard**
Support H.264/H.265 MJPEG video compression.

- **Multiple Video Output Interfaces**
Support HDMI, USB3.0 and LAN to output video.
- **Support multi-stream output**
Support four streams, and output close-up main stream, close-up sub-stream, panoramic stream and board code stream.
- **Support POE**
That is, one network cable can simultaneously transmit power, control, and video signals, thus simplifying wiring installation.
- **Diversified installation**
Free choice of installation and positioning, support for formal and flip-mounted installation.
- **Networking of control interfaces**
The control information of products is networked and transmitted to meet the requirements of various scenarios.
- **Wide Application**
Tele-education, Lecture Capture, Webcasting, Videoconferencing, Tele-training, Tele-medicine, Interrogation and Emergency command systems.

Technical Specification:

Parameter / Model	UV200T	UV200S
Camera, Len Parameter		
Sensor	1/2.5 inch high quality 4K CMOS sensor	
Effective Pixels	8.28 megapixel, 16: 9	
Video Format	HDMI interface: 1080P@30fps/25fps; 720P@60fps/50fps/30fps/25fps; U3 interface: 1920X1080P30 fps /25 fps; 1280X720P60 fps /50 fps /30 fps /25 fps; 960X540P30 fps; 640X360P30 fps; 640X480P30 fps; 352X288P30 fps; 960X540P30 fps; 800X600P30 fps; 800*600P30 fps; USB 3.0 can be compatible with USB 2.0 output	
View Angle	57.2°(D) /47°(H) /36°(V)	94.8°(D) /86.6°(H) /56°(V)
Minimum Illumination	0.5Lux(F1.8, AGC ON)	
focal length	f=7.23mm	f=3.24mm
Iris	F2.4+ 5%	F2.10
Digital Zoom	3X	
DNR	2D & 3D DNR	
White Balance	Auto / Manual/ One Push/3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K	
Focus	Auto / Manual/	
exposure	Auto / Manual/	
BLC	ON/OFF	
SNR	>55dB	

Input/Output Interface	
Video Output Interfaces	1*HDMI interface 1*USB interface (optional) 1*LAN : 10M/100M/1000Madaptive Ethernet Port (Support POE)
Video Compression Format	H.264, H.265, MJPEG
Network Protocol	RTSP, RTMP, ONVIF, GB/T28181
Control Interface	LAN interface, USB interface
Control Protocol	Support VISCA Control Protocol
Power Interface	HEC3800 Outlet (DC12V)

Other Parameter		
Input voltage	Power Adapter	12V
	POE power supply	48V
Input current	Power Adapter	0.42A (max)
	POE power supply	0.104A (max)
Power Consumption	5W(max)	
Storage Temperature	-10℃~+60℃	



Storage Humidity	20%~95%
Working Temperature	-10℃~+50℃
Working Humidity	20%~80%
Dimension(WXHXD)	222mm×74.5mm×36mm
Weight (appx.)	0.53kg
Using environment	Indoor
Random Accessory	Manual, warranty card