Lecturer Auto Tracking ePTZ Camera UV220T

Product Features

- **Intelligent lecturer tracking:** Built-in leading image recognition and tracking algorithm, without any auxiliary positioning camera or tracking host, it can also track the target stably, accurately and quickly.
- **Strong anti-interference ability:** Once the tracking target is locked, it will be free of disturbances of other moving objects or projectors etc.
- **Smooth tracking:** The sensitivity of action can be adjusted and it will not be affected by target's unobvious movement or gestures.
- **Strong environmental adaptability:** The tracking performance is not affected by classroom's size, shape or seats layout.
- **Ultra wide dynamic exposure function**:The tracking target would not be darken in front of strong light background with projectors etc.
- **Multiple tracking modes:** Support multiple tracking modes, including tracking mode, movie mode and area tracking mode
- **Ultra HD:** 1/2.8-inch high-quality 4K CMOS sensor is used to present vivid ultra high-definition video, vividly showing the target's facial expressions and actions.
- **Wide view angle and distortion-free lens:** Using ultra wide-angle, distortion-free camera; supports 3X digital zoom and EPTZ control at the same time;
- **Low Noise and High SNR:** Low Noise CMOS effectively ensure high SNR of camera video. Advanced 2D/3D noise reduction technology is used to further reduce the noise, while ensuring image sharpness.
- **Multiple video compression:** H.265, H.264, MJPEG;
- **Multiple video outputs:** Support SDI, USB3.0 and LAN (Gigabit);
- **Multiple streams :** Support five streams, simultaneously output close-up main stream, close-up sub-stream, panoramic stream, panoramic sub-stream and blackboard writing stream;
- **POE support:** A single network cable can support power, control, and video output simultaneously, thus simplifying wiring installation.
- **Multiple installation:** Wall mount and in-ceiling mount for options.
- **Networking control interface:** Controlling via Network can meet different deployment of various scenarios.
- **Wide application:** Lecturer capture, remote interactive teaching etc.

Technical Parameters

Parameters	UV220T
Camera Parameter	
Sensor	1/2.8 inch high-quality 4K CMOS sensor
Effective Pixels	8.28 million, 16:9
Video Signals	SDI interface: 1080P@30fps/25fps; 720P@60fps/50fps/30fps/ 25fps; U3 interface: 1920X1080P30fps /25 fps; 1280X720P60 fps /50 fps /30 fps /25 fps; 960X540P30 fps; 640X360P30 fps; 640X480P30 fps; 352X288P30 fps; 960X540P30 fps; 800X600P30 fps; compatible with USB2.0 output
View Angle	57.2° (D) /47° (H)/36° (V)
Focal Length	f=7.23mm
Iris	F2.4+ 5%
Digital Zoom	3X
Minimum Illumination	0.5Lux (F1.8, AGC ON)
DNR	2D & 3D DNR
White Balance	Auto/Manual/ One Push/Specified color temperature (2400K- 7100K, step size is 100)
Focus	Manual
Exposure	Fixed
Backlight Contrast	On/Off
SNR	>50dB
Input/Output Interface	
Video Output Interface	1 × SDI 1 × USB 1 × LAN: 10M/100M/1000M adaptive Ethernet port (POE Support)
Video Compression	H.264, H.265, MJPEG
Audio Input Interface	Dual audio channel 3.5mm linear input
Audio Compression	AAC, MP3, G.711A
Network Protocol	RTSP, RTMP, ONVIF, GB/T28181
Control Interface	RS232, RS485, LAN
Control Protocol	VISCA, Pelco-D, Pelco-P; support baud rate 115200 /38400/9600/4800/2400; support network VISCA control protocol
Power Interface	HEC3800 power socket (DC12V)

Other Parameter		
Working Voltage	Power Adapter	12V
	POE Power Supply	48V
Working 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 (WxHxW)	148.8mm×76mm× 76mm
Weight	0.53kg
Application	Indoor
Accessory	User manual

Dimension (unit: mm)