proland UV220T

Lecturer Auto Tracking ePTZ Camera
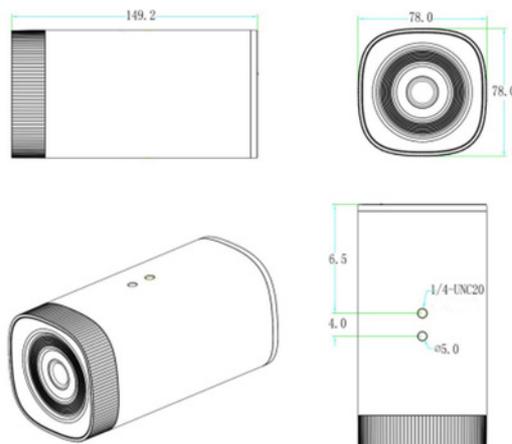
UV220T

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.

● **Smooth tracking:** The sensitivity of action can be adjusted and it will not be affected by target's unobvious movement or gestures.

● **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, YUY2, NV12.

● **Multiple video outputs:** Support HDMI, 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.

DIMENSION

TECHNICAL SPECIFICATIONS

Parameters	UV220T		
Camera Parameter			
Sensor	1/2.8 inch high-quality 4K CMOS sensor		
Effective Pixels	8.28 million, 16:9		
Video Signals	HDMI interface: 1080P@30/29.97/25fps；720P@60/59.94//50fps/29.97fps； U3 interface:MJPG：1920*1080/1600*896 /1280*720 /1024*576 /960*540 /800*600 /800*448 /720*576/720*480 /640*480 /640*360 /480*270/352*288/320*240@30/25/20/15/10/5fps； H2641920*1080 /1600*896 /1280*720 /1024*576 /960*540 /800*600 /800*448 /720*576/720*480 /640*480 /640*360 /480*270 /352*288 /320*240@30/25/20/15/10/5fp；YUY2：1920*1080 /1280*720 /1024*576 /800*600 /800*448 /640*480 /640*360 /480*270 /320*180@30/25/20/15/10/5fp； NV12：1920*1080 /1280*720 /1024*576 /800*600 /800*448 /640*480 /640*360 /480*270 /320*180@30/25/20/15/10/5fp；compatible with USB2.0 output		
View Angle	51.6°（D）/45.5°（H）/26.5°（V）		
Focal Length	f=6.8mm		
Iris	F2.5		
Digital Zoom	3X		
Minimum Illumination	0.1Lux(F1.8, AGC ON)		
DNR	2D & 3D DNR		
White Balance	Auto/Manual/ One Push/Specified color temperature (2400K- 7100K, step size is 100)		
Focus	Fixed		
Exposure	Auto/Manual/Shutter priority/Brightness priority		
Backlight Contrast	On/Off		
SNR	>50dB		
Input/Output Interface			
Video Output	1 × HDMI		
Interface	1 × USB 1 × LAN: 10M/100M/1000M adaptive Ethernet port (POE Support)		
Video Compression	H.264,H.265,MJPEG，YUY2，NV12		
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 (W×H×D)	149.2mm×78mm×78mm		
Weight	0.53kg		
Application	Indoor		
Accessory	Power adapter, USB 3.0 cable, manual, warranty card, packing list		