Teacher Tracking Alpha

PeopleLink Teacher Tracking Alpha is a dedicated intelligent tracking camera, with cutting-edge technology in the field of Education informatization. Tracking camera is built-in with lecturer tracking and student detection algorithm which are convenient and reliable. The Tracking camera is designed for capturing up to 4K Ultra HD images at short distances at a 95° horizontal FOV for broadcast or live streaming applications. The camera performs well in low-light conditions and offers 3G-SDI streaming outputs, with full view or PTZ view supported over the SDI connections. Tracking Camera supports RTMP protocol for easy webcasting； and Both teacher and student cameras provide USB2.0, 3G-SDI , IP and RS485 ports.

Product Features

- **Ultra 4K HD**

Apply 4K Sensor and 4K Lens, to achieve high-definition EPTZ effect .

- **Intelligent teaching tracking**

Built-in advanced image recognization and tracking algorithm, a smooth and natural tracking effect can be achieved without any extra positioning camera or tracking host. Different lenses are used to achieve teacher tracking or student tracking.

- **Low Light**

Ultra-high noise ratio of the new CMOS image sensor can effectively reduce the low noise in the case of image noise, while the application of 2D and 3D noise reduction algorithm, significantly reducing the image noise, even under low light conditions, still keep the picture Clean and clear, the image signal to noise ratio up to 55dB or more.

PeopleLink

Product Features

- **AF Lens**

40° lens with auto focus is used on teacher tracking camera, low distortion lens is used on student tracking camera, horizontal field of view is up to 95°. EPTZ supported.

- **Two interfaces output at the same time**

Support 3G-SDI interface, effective transmission distance up to 150 meters (1080p25). SDI and network can be output at the same time.

- **PoC & PoE supported**

Support PoC(Power over Cable) & PoE(Power Over Ethernet). Power, video, audio, control three-in-one.

- **Support interleaving mode**

Achieve single camera and single SDI interface to simultaneously output panoramic and close-up signals.

Specifications

Tracking Camera	
Sensor	:1/2.8'', CMOS, Effective Pixel: 8.46M
Scanning Mode	: Progressive
Lens Mount	: M12
Lens 1 (teacher)	: Focus: f=8.2mm, HFOV: 40°
Lens 2 (student)	: Focus: f=2.8mm, HFOV: 95°
Minimal Illumination	: 0.5 Lux @ (F1.8, AGC ON)
Shutter	: 1/30s ~ 1/10000s
White Balance	: Auto, Indoor, Outdoor, One Push, Manual, Specified color temperature
Digital Noise	: 2D, 3D digital noise reduction
Backlight	: Support
EPTZ	: Support
Autofocus	: Teacher mode support
Digital zoom	; 8X
PoE	: Support
Lens 1 / 2	: Teacher mode / Student mode

Network Features	
Video Compression	: H.265 / H.264 / MJEPG
Video Stream	: The first, second, third, fourth stream
The First Stream	: 1920x1080, 1280x720, 1024x576, 960x540, 640x480,640x360,320x240,320x180
The Second Stream	: 3840x2160, 1920x1080,1920x1080,1280x720,1024x576,720x576(50Hz),720x480(60Hz), 720x408,640x360,480x270
The Third Stream	:1920X1080,1280X720,1024x576,960x540,720x576(50Hz),720x480(60Hz),720x408,640x360,480x 270,320x240,320x180
The Fourth Stream	: H1024x576,960x540,720x576(50Hz),720x480(60Hz),720x408,640x360,480x270,320x240,320x180

Network Features

Video Bit Rate	: 32Kbps ~ 16384Kbps
Bit Rate Type	: Variable Rate, Fixed Rate
Frame Rate	: 25fps
Audio Compression	: AAC/G711A
Audio Bit Rate	: 96Kbps, 128Kbps
Support protocols	: TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, 28181, Multicast, etc

Input/Output Interface

HD Output	: 1x3G-SDI: BNC type, 800mVp-p, 75Ω, Along to SMPTE 424M standard, Support PoC
USB Interface	: 1xUSB2.0: Type A
Network Interface	: 1xRJ45: 10M/100M/1000M Ethernet Interface, PoE Support
Audio Interface	: 1x line in: 3pin Phoenix Port
Communication	: 1xRS485: 2pin Phoenix Port, Max Distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P
Power Jack	: DC005 type (DC 12V)

General Specification

Input Voltage	: DC 12V / PoE (IEEE802.3af) / PoC
Current Consumption	: 0.5A(Max)
Operating	: -10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	: -40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	: 6W(Max)
Size	: 72mm x 60mm x 130mm (not include the protruding part)
Net Weight	: 1.96kg
MTBF	: >30000h

Ordering Information

Part code

PeopleLink Teacher Tracking Alpha   : **PPL-PVC-PCS-TT-ST-4K**

Follow us: www.peoplelinkvc.com/social-presence

www.peoplelinkvc.com

PeopleLink
AI Powered Collaboration