Peoplelink icam FHD-LT 20X

PeopleLink icam FHD-Lecture Tracking is a dedicated intelligent tracking camera, with cutting-edge technology in the field of Education informatization. icam FHD-Lecture Tracking is built-in with lecturer tracking and student detection algorithm which are convenient and reliable. It has advanced image processing and analysis algorithms to Easily switch between lecturer tracking image / panoramic image, student positing image / panoramic image which is in line with the requirements of lecturer capture and remote interactive teaching. icam FHD-Lecture Tracking Camera supports RTMP protocol for easy webcasting； and Both teacher and student cameras provide USB3.0, HD-SDI , IP and DVI outputs

Product Features

- Superb High-definition 1080P Full HD 60fps
- 59.5° Field Of View
- 20X Optical Zoom, 12X digital Zoom
- USB3.0/SDI/DVI connectors
- Network, support H.264/H265/MJPEG Video compression；
- Support four streams, tracking dual-stream and panoramic dual-stream；
- Network can be configured as automatic switching mode between tracking and panoramic imgaes.

Teacher Tracking Camera Features

- Even if the target is stationary for a long time, it can always lock the tracking target without being disturbed by other moving targets or the contents of the projector.
- self-adaptive teacher height always keeping the proper height of the teacher's heads in the video.

- The tracking is stable and the lecturer does not move slightly hand movements, and interference with the target will not cause camera shake.
- The tracking range can cover all rooms, no longer limited to the podium and automatically scales according to the distance of the target that always maintaining the appropriate size.

Student Tracking Camera Features

- Built-in human behavior recognition image algorithm to depend on students standing and sitting.
- The positioning effects are not limited by the room size, shape, and stepped room which has good adaptability to different heights.
- The size of the tracking camera lens has an automatic zoom function according to the distance of the target.
- The color and brightness of tracking and panoramic images are consistent.
- intelligently identify single or multiple peoples standing and sitting movements, and give tracking positioning shots of single or multiple people, which can identify the actions of leaving and leaving after standing.
- Flexible installation position, not limited to the center of the front of the room.

Specifications

Tracking Camera	
Image Sensor	:1/2.8" Exmor CMOS, 2.14MP
Video Format	: 1080P 60fps, 1080P 50fps,1080P 30fps,1080P 25fps,1080I60,1080I50, 720 P 60fps,720P 50fps
Focal Length	: f=4.7mm～94mm
Iris	: F1.6～F3.5
Optical Zoom	: 20X
Digital Zoom	: 12X
Field of View	: Horizontal 59.5°- 2.9°
Focus	: Auto, Manual, PTZ Trigger, One Push
Min. Illumination	: 0.5 lux (Color), 0.1lux (B/W)
Shutter Speed	: 1/1 ~ 1/10,000s
Gain	: Auto / Manual
White Balance	: Auto, Indoor, Outdoor, One Push, Manual, Auto Tracking
AE Control	; Auto, Manual, Shutter Priority, Iris Priority
S/N Ratio	: ≥50dB

Full View Camera	
Image Sensor	: 1/2.8" Exmor CMOS, 2.14MP
White Balance	: Auto
Exposure	: Auto
Focus	: Manual focus
Lens	: 8mm
Field of View	: Horizontal 86°, Vertical 52°

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PTZ

Pan	: - 170°～+170°,0.1°～120°/s
Tilt	: - 30°～+90°,0.1°～90°/s
Preset Number	: 256
Control Interface	: RS-485, RS-232, USB3.0
Control Protocol	: PELCO-D, VISCA, UVC

Network

Image Resolution	: 1920×1080@60fps
Video Compression	: H.265/ H.264/MJPEG
Audio Compression	: AAC
Ethernet	: RJ45, 100M (optional POE)
Network Protocol	: HTTP, RTSP, RTMP, RTP, TCP, UDP, ONVIF
Dual Stream	: Support
Local storage	: TF Card

USB

OS	: Windows XP/7/8/10,Linux,Mac OS, Android OS
Video Format	: MJPEG / H.264
Resolution	: MJPEG：1920x1080, 1280x720, 640x480, 320x240 : H264：1920x1080, 1280x720, 640x480, 320x240
UVC Protocol	: UVC1.0~UVC1.4

General

Power Supply	: DC12V, optional POE
Power Consumption	: <15W
Working Temperature	: 0°C ~ +40°C
Storage Temperature	: -20°C ~ +60°C
Dimension (L×W×H)	: 225mm(L) x 212mm(W) x 163mm(H)
Weight	: 1.96kg
Color	: Grey

Ordering Information

Part code

PeopleLink icam FHD-LT 20X	: **PPL-PVC-PCS-FHD-TT-20X**
Peoplelink icam FHD-LT 20X	: **PPL-PVC-PCS-FHD-ST-20X**

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