PeopleLink iCam FHD-LT 20x

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PeopleLink icam FHD-Lecture Tracking is a dedicated, intelligent tracking camera with cutting-edge technology in education information. iCam FHD-Lecture Tracking is built-in with lecturer tracking and student detection algorithms, which are convenient and reliable. It has advanced image processing and analysis algorithms to Easily switch between lecturer tracking image / panoramic image and student positing image / panoramic image, which aligns 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 USB 3.0, HD - SDI, IP, and DVI outputs.

Key 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 an automatic switching mode between tracking and panoramic images

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; even the lecturer's slight hand movements and interference will not cause the camera to shake.

- The tracking range can cover all rooms, it is no longer limited to the podium. Automatically scales according to the distance of the target that always maintaining the appropriate size.

Student Tracking Camera Features

- Built-in human behavior recognition depends on the student's position.

- The positioning effects are not limited by the room size, shape, and stepped room. It has good adaptability to different heights

- The tracking camera lens has an automatic zoom function, which changes according to the distance of the target.

- The color and brightness of tracking and panoramic images are consistent.

- Intelligently identify single or multiple people standing and sitting movements. Give tracking positioning shots of single or multiple people, which can identify the actions of moving

- Flexible installation position, not limited to the center of the front of the room.

Wall Mount	Ceiling Mount	Tripod Mount

General 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 : Focus-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°

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:

Operating System : Windows XP/7/8/10, Linux, Mac OS, Android OS

Video Format : MJPEG / H.264

Resolution : MJPEG : 1920 x 1080, 1280 x 720, 640 x 480, 320 x 240 - H264 : 1920 x 1080, 1280 x 720, 640 x 480, 320 x 240

UVC Protocol : UVC1.0~UVC1.4

General:

Power Supply : DC12V, optional POE

Power Consumption : <15W
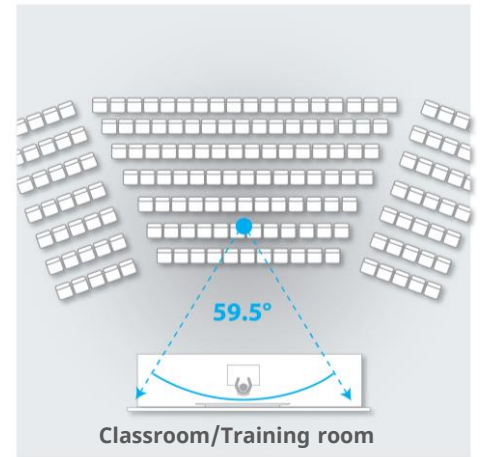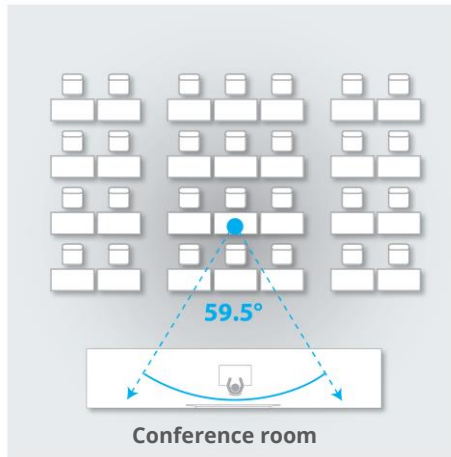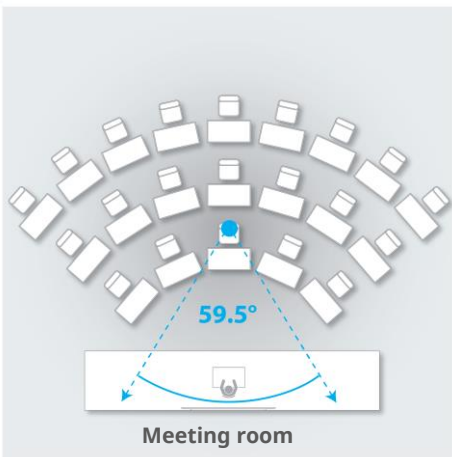
Working Temperature : 0°C ~ +40°C

Storage Temperature : -20°C ~ +60°C

Dimension (L × W × H) : 225mm(L) x 212mm(W) x 163mm(H)

Weight : 1.96kg

Color : Grey

Application Scenarios

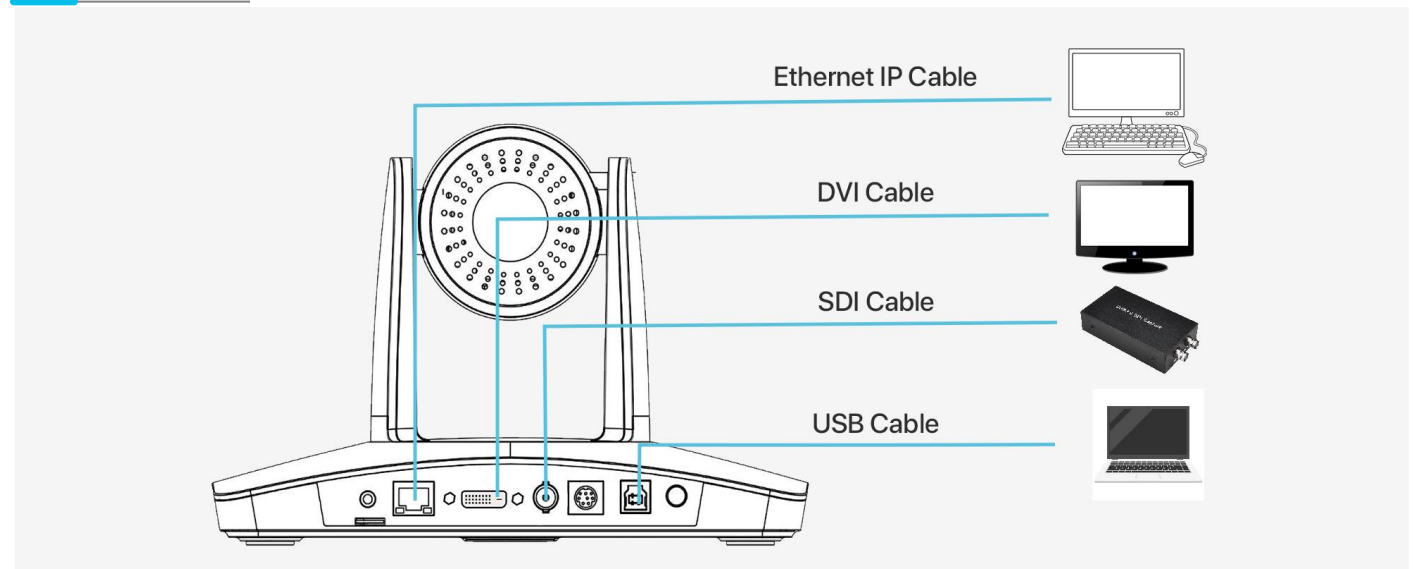| Meeting room | Conference room | Classroom/Training room |

Disclaimer:- Room setup diagrams are provided for reference only. Actual room setup and size may vary as per requirements.

Connectivity

Ethernet IP Cable

DVI Cable

SDI Cable

USB Cable

Ordering Information

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

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

LEARN MORE
For more information on iCam FHD-LT 20x **Click Here**

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