



V 1.0 - 032024

## PeopleLink iCam FHD-LT 20x



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 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 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 people standing and sitting movements, and give tracking positioning shots of single or multiple people, which can identify the actions of leaving and standing.
- 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** : 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°

### 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: 1920×1080, 1280×720, 640×480, 320×240 - H264: 1920×1080, 1280×720, 640×480, 320×240

**UVC Protocol** : UVC1.0~UVC1.4

### General:

**Power Supply** : DC12V, optional POE

**Power Consumption** : <15W

**Working Temperature** : 0°C ~ +40°C

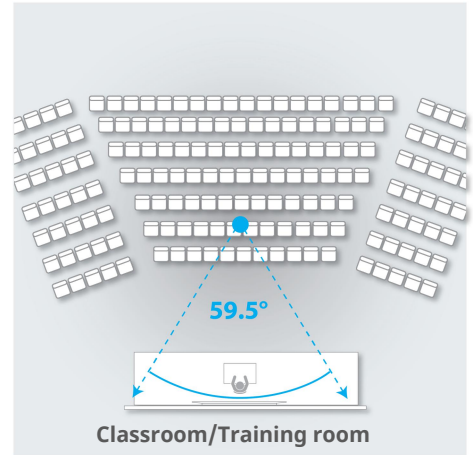
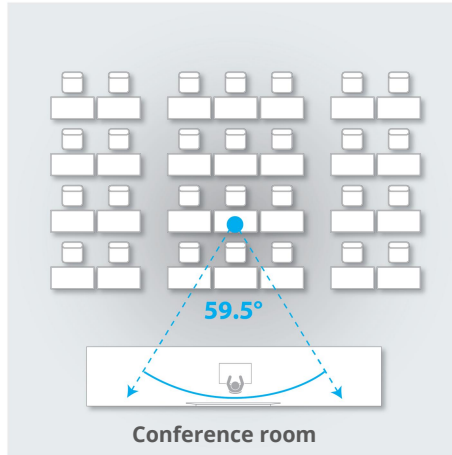
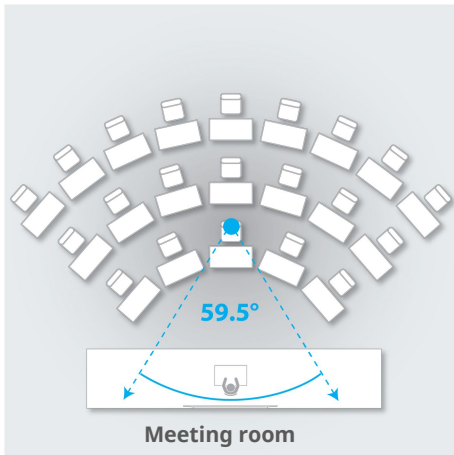
**Storage Temperature** : -20°C ~ +60°C

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

**Weight** : 1.96kg

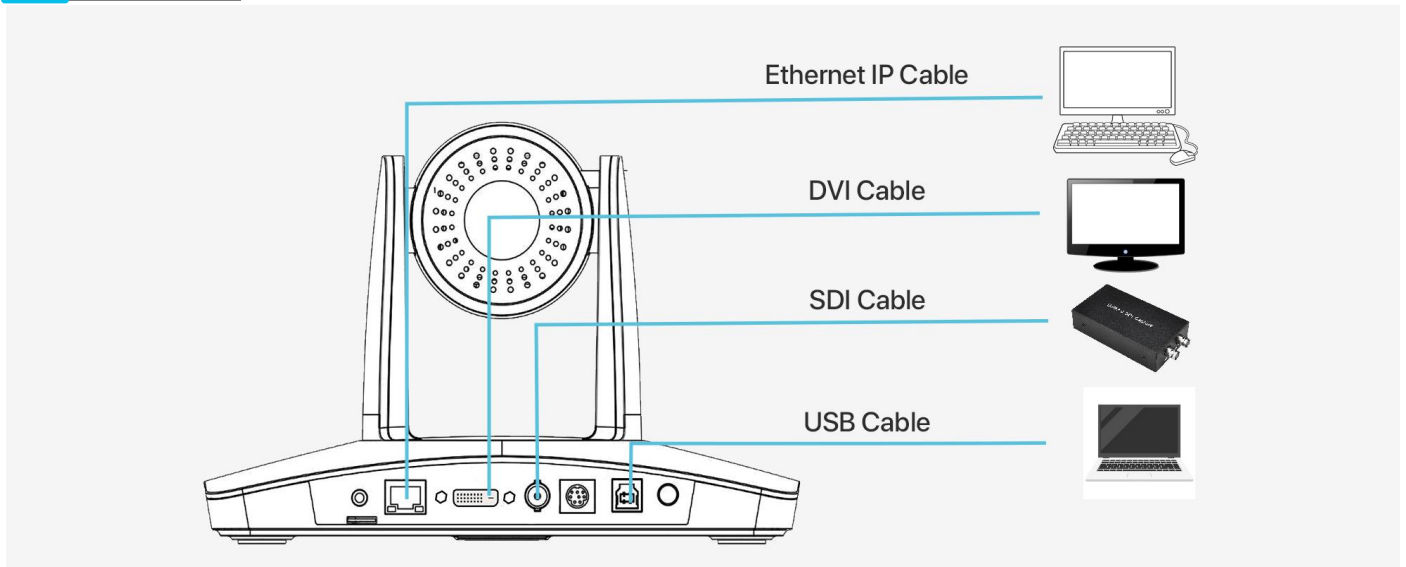
**Color** : Grey

## Application Scenarios



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

## Connectivity



## 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](#)

## SALES AND INQUIRIES

**Global Headquarters**

Q3-A3, 10th Floor Cyber Towers,  
HITEC City, Hyderabad,  
Telangana 500081, **India**  
Phone: **+91 9100123013**  
Email: **vc@peoplelinkvc.com**

**International Contact Numbers**

**USA:** +1 669-696-8383  
**Australia:** +61 370 037070  
**France:** +33 6 80 75 26 42  
**Middle East:** +966 5300 19292  
**UK:** +44 20 4571 5454

**Tech Support**

**Toll Free:** 1800 208 3399  
customersupport@peoplelinkvc.com