Dual-Cam 4K Lecturer Tracking PTZ Camera

LTC-G501

☑ AI Intelligent Lecturer Tracking

☑ Up to 4KP30

Features

- The close-up camera adopts high-quality 12X optical zoom, 4K UHD lens with 81° FOV;
- Integrated design of close-up and full view dual 4K cameras;
- The camera has built-in Lecturer tracking AI algorithm;
- Ethernet support H.264/H.265 video compression, supports simultaneous output of 4K close-up images and full view images, and support POE;
- HDMI 2.0, up to 4KP30 image outpue;
- Support UVC/UAC communication protocol, up to 4KP30 compressed video formats;
- Optional 3G-SDI or HDBase T;
- RS-232 IN/OUT control interface, support standard VISCA;
- One channel LINE IN ;
- Quick & accurate focus;
- High precision, smooth rotation, quiet PTZ.

Smart Lecturer Tracking Camera LTC-G501

Track even if lecturer wears mask.

Auto adjust tilt angle as per lecturer's height.

Board Writing Mode, with deep learning technology, go to board writing preset & track once board writing is detected.
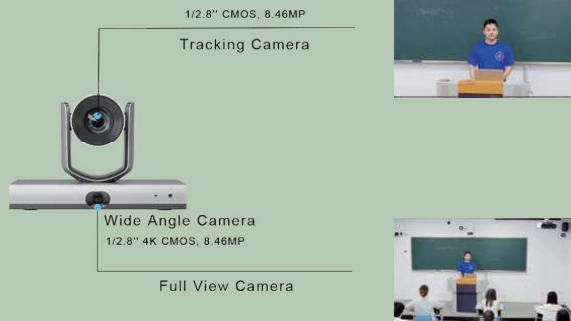
No tracking student who stands up, or waves hands.

More:

☑ Keep tracking if lecturer turns around or stands still for a while.

☑ Track lecturer only, instead of other moving object.

☑ Tilt Motion while tracking.

☑ Track with lights on /off.

☑ Not track moving objects on projector.

Dual Stream

1/2.8'' CMOS, 8.46MP
Tracking Camera

Wide Angle Camera
1/2.8'' 4K CMOS, 8.46MP

Full View Camera

4K   4K

☑ Integrated design of close-up and full view dual 4K cameras.

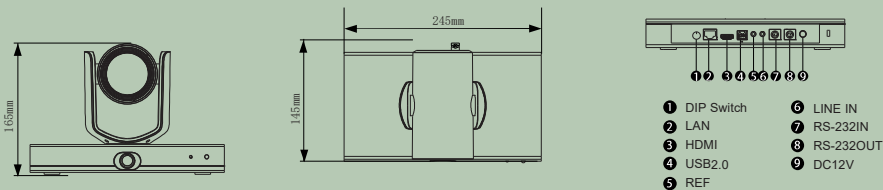☑ Supports simultaneous output of 4K close-up images and 4K full view images.

Others

More:

☑ Integrated design; dual outputs up to 4KP30 HD resolution

☑ Support four streaming and RTMP streaming

☑ Friendly UI and simple setup

☑ 8.46MP, 1/2.8" CMOS UHD sensor

☑ 12X optical zoom for various classrooms

☑ Simultaneous video outputs via Ethernet, HDMI, IP and USB2.0

Dimensions

245mm

165mm

145mm

❶❷ ❸❹❺❻❼ ❽❾

❶ DIP Switch   ❻ LINE IN
❷ LAN   ❼ RS-232IN
❸ HDMI   ❽ RS-232OUT
❹ USB2.0   ❾ DC12V
❺ REF

Technical Data

Model	LTC-G501
Camera	
Image Sensor	1/2.8" 4K CMOS, 8.46MP
Lens	12X optical zoom; f=3.4mm～40.3mm; F1.8 (Wide)～3.6 (Tele);
Field of View	81°～7.6°
Image	Auto Focus/Auto Exposure/Auto White Balance
Min. Illumination	10Lux
Shutter Speed	1/60～1/10,000s
AGC	Auto/Manual
White Balance	Auto/Indoor/Outdoor/One Push/Manual/Static
AE Control	Auto/Manual/Shutter Priority/Iris Priority/Brightness Priority
S/N	≥50dB
Full View Camera	
Image Sensor	1/2.8"4K CMOS, 8.46MP
White Balance	Auto
Exposure	Auto
Lens	f=3.5mm
Field of View	Horizontal: 94°, Vertical: 62°
PTZ	
Pan	-130°～+130° ; 0.2° ～ 80°/s
Tilt	-30°～+90°; 0.2° ～ 60°/s
Preset Number	64
Interface	
HDMI	1 × HDMI 2.0: Video Resolution: 4KP60/P50/P30/P25, 1080P60/P50/P30/P25，720P60/P50
Network	1 × RJ-45:10M/100M/1000M self-adaptation ethernet port, support POE; Video Format:H.264/H.265； Close-up video resolution: 4KP30/P25, 1080P30/P25, 720P30/P25, 360P30/P25 Full view video resolution： 4KP30/P25, 1080P30/P25, 720P30/P25, 360P30/P25
USB	1× USB2.0； 1. UVC support UVC1.1 protocol 2. UVC Video compression support H.264/MJPEG; Video resolution:4KP30/P25，1080P30/P25, 720P30/P25, 360P30/P25
3G-SDI (optional)	1 × 3G-SDI; video resolution: 1080P60/P50/P30/P25，720P60/P50
HD-BaseT (optional)	1 × HD-BaseT; video resolution:4KP30/P25, 1080P60/P50/P30/P25, 1080I60/I50，720P60/P50
Audio Interface	1 × LINE IN, 3.5mm
Control Interface	1 × RS-232 IN, 1 × RS-232 OUT
DIP Switch	Rotary DIP switch to define video format
Power Supply	DC12V
General	
Control Protocol	VISCA
Power Consumption	<18W
Working Environment	Temperature:0 ～ 40°C; humidity:10%RH ～90 %RH
Dimensions(L×W×H)	245mm×145mm×165mm
Weight	1.8kg