

4K UHD Lecturer Tracking Camera

iSmart Video



LTC6-G500
LTC6-G500S(SDI)
LTC6-G500B(HD-BaseT)

LTC6-G500 is a 4K UHD tracking camera, its fast autofocus lens combined with smart algorithm can efficiently locate the tracked object, quickly focus, output HD pictures, to improve learning efficiency.

4K UHD, 12X Zoom

- 1/2.8" 4K CMOS, 8.46 MP;
- 4K ultra HD lens, 12x optical zoom, up to 81° FOV;

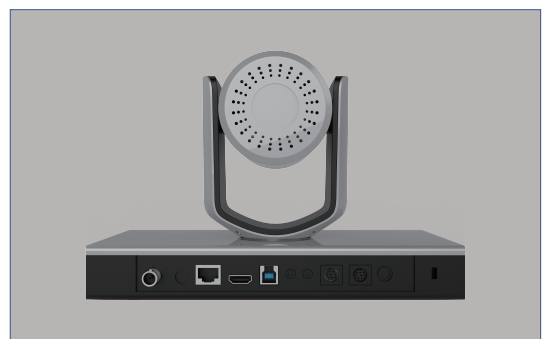


Smart Algorithm, High Precision PTZ

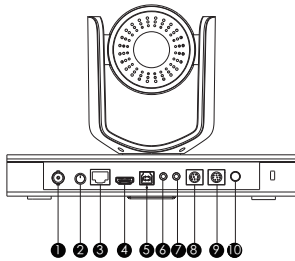
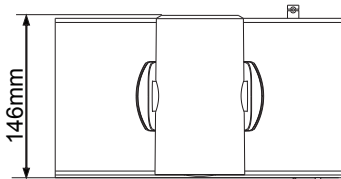
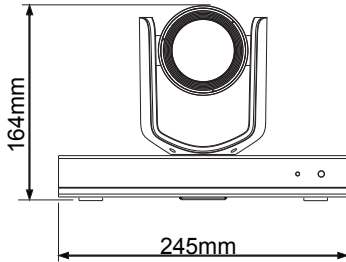
- Built in the industry-leading AI image algorithm for human body detection and lock tracking, which can realize a wide range of automatic detection and continuous tracking;
- Fast, accurate and smooth tracking;
- High precision, smooth rotation, quiet PTZ;

Rich Interfaces, High Compatibility

- H.264/H.265 video compression, up to 4KP60 video output, and support optional POE;
- HDMI2.0 video output, up to 4KP60 video output;
- Optional 3G-SDI or HD-BaseT video output;
- Support RS-232 IN/RS-232 OUT control interface and VISCA protocol;
- 1 channel LINE IN.



Dimensions



- | | |
|--------------------|-------------|
| ① 3G-SDI(Optional) | ⑥ REF |
| ② DIP Switch | ⑦ LINE IN |
| ③ Ethernet | ⑧ RS-232IN |
| ④ HDMI | ⑨ RS-232OUT |
| ⑤ USB2.0 | ⑩ DC12V |

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Technical Data

| | |
|-----------------------|---|
| Model | LTC6-G500(S/B) |
| Image Sensor | 1/2.8"CMOS, 8.46MP |
| Lens | 12X; f=3.4mm~40.3mm; F1.8 (Wide)~3.6 (Tele) |
| Field Of View | 81°~ 7.6° |
| Focus | Auto/Manual |
| White Balance | Auto/Manual |
| Exposure Control | Auto/Manual |
| S/N | ≥50dB |
| DNR | 2D/3D |
| BLC | Support |
| PTZ | |
| Pan Angle | -130° ~ +130°; 0.2° ~ 80°/s |
| Tilt Angle | -30° ~ +90°; 0.2° ~ 60°/s |
| Image Flip | Support |
| Preset Number | 64 |
| Interface | |
| HDMI | 1 channel HDMI 2.0; Support 4KP60/P50/P30/P25, 1080P60/P50/P30/P25, 1080I60/I50, 720P60/P50 |
| Network | RJ45 (10M/100M), optional POE; 1.Support 4KP30/P25, 1080P30/P25, 720P30/P25, 360P30/P25 2.Image compression H.264/H.265 |
| USB | 1 channel USB2.0; 1.Support UVC 1.1 2.Image compression H.264/MJPEG; support 4KP30/P25, 1080P30/P25, 720P30/P25, 360P30/P25 |
| 3G-SDI (Optional) | 1 channel 3G-SDI; support 1080P60/P50/P30/P25, 1080I60/I50, 720P60/P50 |
| HD-BaseT (Optional) | 1 channel HD- BaseT(optional); support 4KP30/P25, 1080P60/P50/P30/P25, 1080I60/I50, 720P60/P50 |
| Audio Input | 1 channel LINE IN, 3.5mm audio interface |
| Control Interface | 1 channel RS-232 IN, 1 channel RS-232 OUT |
| DIP Switch | Rotating DIP switch to set video format |
| Power | DC12V |
| General | |
| Control Protocol | VISCA |
| Power Consumption | <18W |
| Operating Environment | Temperature: 0 ~ 40°C, Relative Humidity: 10%RH ~ 90 %RH |
| Storage Environment | Temperature: -20°C ~ +60°C, Relative Humidity: 10%RH ~ 95 %RH |
| Dimensions | 245mm×146mm×164mm (W*D*H) |
| Weight | <2kg |
| Color | Grey |