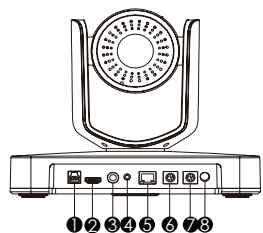


4K PTZ Camera

AMC-G421S/G420B/G431S/G431B



- | | |
|-----------|---------------------|
| ① USB3.0 | ⑤ LAN |
| ② HDMI | ⑥ RS-232 IN |
| ③ 3G-SDI | ⑦ RS-232 OUT/RS-485 |
| ④ LINE IN | ⑧ DC 12V |

Features

- 1/2.8" CMOS, 8.46MP;
- Up to 20x optical zoom;
- Up to horizontal 72.5°FOV;
- Up to 4KP30 video output;
- Track lecturer all around the classroom, even if lecturer walks into student area;
- Allows selection of full-body, half-body, or close-up shot ratios for the tracking target;
- Support standard UVC/UAC protocol;
- Support HDMI, 3G-SDI, USB and Ethernet outputs;
- Dual stream.

Technical Data

Camera

AMC-G421S/G420B

Image Sensor

1/2.8" CMOS, 8.46 MP

Focal

f=4.7mm ~ 94mm

Iris

F1.6 ~ F3.5

Zoom

Optical:20x; Digital:16x

HFOV

59.5° ~ 2.9°

AMC-G431S/G431B

Image Sensor

1/2.8" CMOS, 8.46 MP

Focal

f=3.9mm ~ 46.8mm

Iris

F1.6 ~ F2.8

Zoom

Optical:12x; Digital:16x

HFOV

72.5° ~ 6.3°

General

Power

DC12V; <15W

Control Protocol

VISCA /PELCO-P/PELCO-D

Operating Temperature

0°C ~ +40°C

Storage Temperature

-20°C ~ +60°C

Dimensions (L×W×H)

211mm × 137mm × 170mm

Weight

≤1.2kg

Camera

Focusing System

Auto, Manual, PTZ Trigger, One PushTrigger

White Balance

Auto, Manual, Auto Tracking, One Push, Static Color Temperature

Wide Dynamic

Support

Anti-Flicker

Support

Exposure

Auto, Manual, Shutter Priority, Iris Priority, Brightness Priority

AGC

Auto, Manual

BLC

Support

SNR

≥50dB

PTZ

Pan

-170° ~ +170°; 0.1° ~ 120°/s

Tilt

-30° ~ +90°; 0.1° ~ 90°/s

Preset Number

256

Image Filp

Support

Interface

HDMI 1.4

4KP30/P25, 1080P60/P50/P30/P25, 720P60/P50/P30/P25

Network

- 1×RJ45:1×10M/100M, POE
1. Up to 4KP30 video output
2. Image Compression: H.264/H.265;
3. Protocol: ONVIF/RTSP/RTMP /SRT/TCP/UDP/RTMPS /GB28181;
4. Audio Compression: AAC, G.711;
5. Support multiple dual streams;
6. NDI Optional.

USB 3.0

1. Support UVC1.1
2. UVC Support: YUY2/NV12:1080P30/P25, 720P30/P25, 480P30/P25, 360P30/P25
- H.264/H.265/MJPEG: 4KP30/P25, 1080P60/P50/P30/P25, 720P60/P50/P30/P25, 360P30/P25
3. UAC Audio Format PCM

Control Interface

- 1×RS-232 In
- 1×RS-232 Out/RS-485

3G-SDI

1080P60/P50/P30/P25, 720P60/P50/P30/P25

Audio

1×LINE IN, 3.5mm

HDBaseT(Optional)

4KP30/P25, 1080P60/P50/P30/P25, 720P60/P50;

Supports power supply and control, and the transmission distance can reach up to 70 meters.