

4K Portrait Screen PTZ Camera

AMC-G412Z



Features

- 8.46 million pixels sensor, up to 4K30 UHD video output;
- The camera can output high-quality, uncropped vertical images directly;
- 12x optical zoom combined with 16x digital zoom for easy live streaming with Scene or close-up shots;
- Equipped with a TOF (Time of Flight) sensor for close-range focusing assistance;
- Prominent Tally light provides assistance with device switching;
- USB 3.0 (compatible with USB 2.0) Type-C port supports simultaneous audio and video output, plug and play;
- HDMI for direct output of uncompressed 4K 30fps video;
- Comes with a 2.4G wireless remote control, allowing easy long-distance control without the need for direct line of sight.

Technical Data

Camera

Image Sensor

1/2.8" CMOS, 8.46MP

Focal Length

f=4.1 ~ 49.2mm

Iris

F1.8 ~ F2.68

Optical Zoom

12x

Digital Zoom

16x

HFOV

V: 72.5°; H: 42.1°

Focus

Auto, Manual, PTZ
Trigger, One Push Trigger

Shutter Speed

1/1 ~ 1/10000s

AGC

Auto, Manual

White Balance

Auto, Manual, One Push
Trigger, Auto Tracking

Lowest Illumination

0.5Lux

AE Control

Auto, Manual, Shutter
Priority, Iris Priority

SNR

≥65dB

Others

Aux Focus

TOF Assisted Focusing

Remote

15m, 360°Wireless remote control

Firmware Upgrade

USB

PTZ

Pan

-170° ~ +170°; 0.1° ~ 100°/s

Tilt

-30° ~ +90°; 0.1° ~ 90°/s

Preset Number

64(LAN)

General

Power

DC12V; <12W

Control Protocol

VISCA

Operating Temperature

0°C ~ +40°C

Storage Temperature

-20°C ~ +60°C

Dimensions (L×W×H)

211mm × 137mm × 170mm

Weight

≤1.2kg

Interface

USB

USB3.0(Compatible USB2.0)
Type-C With thread lock * 1,
support USB power supply
1. UVC Support UVC1.1

UVC Support YUY2/NV12:
1080P60/P50/P30/P25,
720P60/P50/P30/P25

H.264/H.265/MJPEG: 4KP30,
1080P60/P50/P30/P25,
720P60/P50/P30/P25

2. UAC Audio format PCM

USB2.0 resolution:

UVC Support
YUY2/NV12:1080P30/P25,
720P60/P50/P30/P25

H.264/H.265/MJPEG:
1080P60/P50/P30/P25,
720P60/P50

HDMI

1 × HDMI, support audio
output, 4KP30, 1080P60/P50
/P30/P25,
720P60/P50/P30/P25

Network

10M/100M RJ45

1. 4KP30,
1080P60/P50/P30/P25,
720P60/P50/P30/P25,

2. Video Format:
H.264/H.265;

3. Audio Compression: AAC

4. Support Web UI

Audio

1 × LINE IN, 3.5mm

Control Interface

1 × RS-232