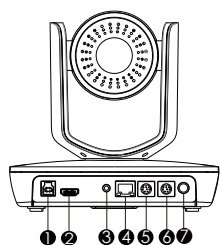


# 1080P60 PTZ Camera

## AMC-G312U3/G310U3



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

## Features

- 1/2.8" CMOS, 2.14MP;
- 12x/10x optical zoom, up to 1080P60 video output;
- HDMI, Ethernet and USB 3.0 outputs;
- Standard UVC/UAC protocols;
- USB support YUY2 uncompressed video formats;
- RS-232 In & RS-232 Out, support daisy chain;
- H.265/H.264 video compression, up to 1080P60 video output;
- Dual stream;
- Compatible with most popular video conferencing platforms.

## Technical Data

### Camera

#### AMC-G312U3

##### Image Sensor

1/2.8" CMOS, 2.14 MP

##### Iris

F1.6 ~ F2.8

##### Focal Length

f=4.14mm ~ 47.08mm

##### HFOV

72.5° ~ 6.3°

##### Optical Zoom

12x

#### AMC-G310U3

##### Image Sensor

1/2.8" CMOS, 2.14 MP

##### Iris

F1.6 ~ F3.0

##### Focal Length

f=4.3mm ~ 43mm

##### HFOV

71° ~ 8°

##### Optical Zoom

10x

### PTZ

#### Pan

-170° ~ +170°; 0.1° ~ 120°/s

#### Tilt

-30° ~ +90°; 0.1° ~ 90°/s

#### Preset Number

256

### General

#### Power

DC12V; <15W

#### Control Protocol

VISCA (Support daisy chain)  
/ PELCO-P / PELCO-D

#### Operating Temperature

0°C ~ +40°C

#### Storage Temperature

-20°C ~ +60°C

#### Dimensions (L×W×H)

176mm × 137mm × 171mm

#### Weight

≤1.2kg

### Camera

#### Digital Zoom

16x

#### Focusing System

Auto, Manual, PTZ  
Trigger, One Push  
Trigger

#### Shutter speed

1/50 ~ 1/10,000s

#### AGC

Auto, Manual

#### White Balance

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

#### BLC

Support

#### Wide Dynamic

Support

#### Exposure

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

#### SNR

≥50dB

### Interface

#### Network

1×RJ45:1×10M/100M

1. Video Output Format: Max  
1080P60;

2. Image Compression:  
H.264/H.265

3. Protocol:ONVIF/RTSP/RTMP  
/TCP/UDP/SRT/RTMPS

/GB28181;

4. Audio Compression: AAC

5. Support multiple stream

#### USB 3.0

1. Support UVC1.1

2. UVC Support:

H.264/H.265/MJPEG:  
1080P60/P50/P30/P25,  
720P60/P50/P30/P25,  
480P60/P50/P30/P25,  
360P60/P50/P30/P25

YUY2/NV12: 1080P30/P25,  
720P30/P25, 480P30/P25,  
360P30/P25

3. UAC Audio Format PCM

#### HDMI

1080P60/P50/P30/P25,720P60/  
P50/P30/P25,480P60/P50/30/25

#### Audio

1×LINE IN, 3.5mm

#### Control Interface

1×RS-232 In

1×RS-232 Out/RS-485