

# 1080P60 PTZ Camera

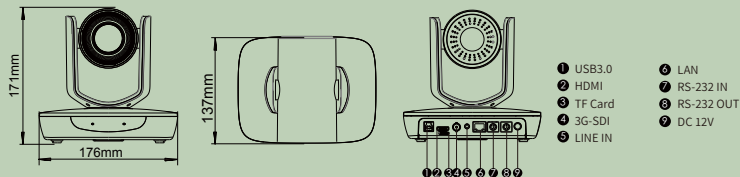


AMC-G312  
AMC-G320  
AMC-NG312(NDI|HX)  
AMC-NG320(NDI|HX)

## Features

- 1/2.8" CMOS, 2.14MP;
- 12X/20X optical zoom, up to 1080P60 video output;
- HDMI, 3G-SDI, Ethernet and USB 3.0 outputs;
- Support standard UVC/UAC protocol;
- Support YUY2 uncompressed video formats;
- RS232 In & RS232 Out, support daisy chain;
- H.265, H.264 video compression, up to 1080P60 video output;
- Dual stream;
- Support POE.

## Dimensions



## Technical Data

| Model                 | AMC-G312/AMC-NG312                                                                                                                                                                                                                                                   | AMC-G320/AMC-NG320 |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| <b>Camera</b>         |                                                                                                                                                                                                                                                                      |                    |
| Image Sensor          | 1/2.8" CMOS, 2.14MP                                                                                                                                                                                                                                                  |                    |
| IRIS                  | 4.14mm ~ 47.08mm                                                                                                                                                                                                                                                     | 4.7mm ~ 94mm       |
| Focal Length          | F1.6 ~ F2.8                                                                                                                                                                                                                                                          | F1.6 ~ F3.5        |
| HFOV                  | 72.5° ~ 6.3°                                                                                                                                                                                                                                                         | 59.5° ~ 2.9°       |
| Optical Zoom          | 12X                                                                                                                                                                                                                                                                  | 20X                |
| Digital Zoom          | 16X                                                                                                                                                                                                                                                                  |                    |
| Shutter Speed         | 1/50 ~ 1/10,000s                                                                                                                                                                                                                                                     |                    |
| AGC                   | Auto, Manual                                                                                                                                                                                                                                                         |                    |
| Focusing System       | Auto/Manual                                                                                                                                                                                                                                                          |                    |
| White Balance         | Auto, Manual, Automatic trackingOne Push, Static Color Temperature                                                                                                                                                                                                   |                    |
| Gain                  | Support                                                                                                                                                                                                                                                              |                    |
| WDR                   | Support                                                                                                                                                                                                                                                              |                    |
| SNR                   | ≥50dB                                                                                                                                                                                                                                                                |                    |
| Exposure              | Auto, Manual, Shutter Priority, Iris Priority, Brightness Priority                                                                                                                                                                                                   |                    |
| <b>PTZ</b>            |                                                                                                                                                                                                                                                                      |                    |
| Pan                   | -170° ~ +170°; 0.1° ~ 120°/s                                                                                                                                                                                                                                         |                    |
| Tilt                  | -30° ~ +90°; 0.1° ~ 90°/s                                                                                                                                                                                                                                            |                    |
| Preset Number         | 256                                                                                                                                                                                                                                                                  |                    |
| Image Flip            | Support                                                                                                                                                                                                                                                              |                    |
| <b>Interface</b>      |                                                                                                                                                                                                                                                                      |                    |
| HDMI                  | 1080P60/P50/P30/P25, 720P60/P50                                                                                                                                                                                                                                      |                    |
| Network               | 1×RJ-45:1×10M/100M<br>1. Video Output Format: Max 1080P60; 2. Image Compression: H.264/H.265 1080P60/P50/P30/P25, 720P60/P50/P30/P25, 360P60/P50/P30/P25;<br>3. Protocol: ONVIF/RTSP/RTMP/TCP/UDP/RTMPS/GB28181;<br>4. Audio Compression:AAC 5. Support dual streams |                    |
| 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<br>YUY2:1080P30/P25, 720P30/P25, 480P30/P25, 360P30/P25<br>3. UAC Audio Format PCM                                              |                    |
| 3G-SDI                | 1×3G-SDI:1080P60/P50/P30/P25, 720P60/P50                                                                                                                                                                                                                             |                    |
| Control Interface     | 1×RS-232 In, 1×RS-232 Out/RS-485                                                                                                                                                                                                                                     |                    |
| Audio                 | 1×LINE IN, 3.5mm                                                                                                                                                                                                                                                     |                    |
| TF Card               | Max support 256G                                                                                                                                                                                                                                                     |                    |
| <b>General</b>        |                                                                                                                                                                                                                                                                      |                    |
| Control Protocol      | VISCA / PELCO-P / PELCO-D                                                                                                                                                                                                                                            |                    |
| Power                 | DC12V; <8W                                                                                                                                                                                                                                                           |                    |
| Operating Environment | Temperature: 0°C ~ +40°C; Relative Humidity: 10%RH ~ 90%RH                                                                                                                                                                                                           |                    |
| Storage Environment   | Temperature: -20°C ~ +60°C; Relative Humidity: 10%RH ~ 95%RH                                                                                                                                                                                                         |                    |
| Dimensions (L*W*H)    | 176mm × 137mm × 171mm                                                                                                                                                                                                                                                |                    |
| Weight                | ≤1.2kg                                                                                                                                                                                                                                                               |                    |