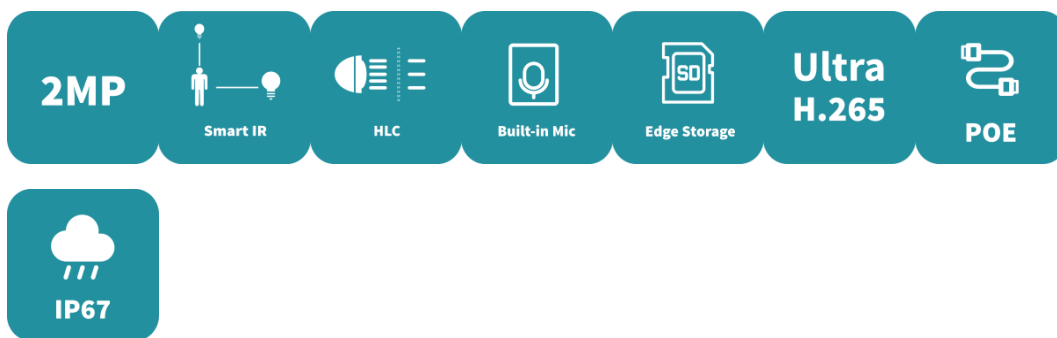


# 2MP Fixed Eyeball Network Camera

IPC-3612-APF28K



## Features

- High quality image with 2MP, 1/2.9" CMOS sensor
- 2MP (1920\*1080) @ 25/20fps; 720P (1280\*720) @ 25/20fps
- Ultra 265, H.265, H.264
- 2D/3D DNR (Digital Noise Reduction)
- ROI (Region of Interest)
- ONVIF Conformance
- Smart IR, up to 30m (98ft) IR distance
- Support 128 GB Micro SD card
- 3-Axis
- Built-in Mic
- Wide temperature range: -40C ~ 60C

- DC12V or PoE(IEEE 802.3af) power supply
- IP67

## Specifications

| Camera                    | Description                                        |
|---------------------------|----------------------------------------------------|
| Max Resolution            | 2MP                                                |
| Sensor                    | 1/2.9" CMOS                                        |
| Min. Illumination         | Colour: 0.02Lux (F2.1, AGC ON)<br>0 Lux with IR on |
| Day/Night                 | IR-cut filter with auto switch (ICR)               |
| Shutter                   | Auto/Manual, 1 ~ 1/100000s                         |
| Adjustment Angle          | Pan: 0° ~ 360°, Tilt: 0° ~ 80°, Rotate: 0° ~ 360°  |
| S/N                       | >52dB                                              |
| WDR                       | DWDR                                               |
| Lens                      | Description                                        |
| Focal Length              | 2.8mm                                              |
| Iris Type                 | Fixed                                              |
| Iris                      | F2.1                                               |
| Field of View (H)         | 101.1°                                             |
| Field of View (V)         | 55.0°                                              |
| Field of View (D)         | 111.0°                                             |
| DORI                      | Description                                        |
| DORI Distance(Lens)       | 2.8mm                                              |
| DORI Distance(Detect)     | 45.0(147.6ft)                                      |
| DORI Distance(Observe)    | 18.0(59.1ft)                                       |
| DORI Distance(Recognize)  | 9.0(29.5ft)                                        |
| DORI Distance(Identify)   | 4.5(14.8ft)                                        |
| Illuminator               | Description                                        |
| Illumination Distance(IR) | Up to 30m (98ft)                                   |
| Wavelength                | 850nm                                              |
| IR On/Off Control         | Auto/Manual                                        |

| Video                   | Description                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video Compression       | Ultra 265; H.265; H.264                                                                                                                                                                |
| H.264 Code Profile      | Baseline profile, Main profile, High profile                                                                                                                                           |
| Frame Rate              | Main Stream: 1080P (1920*1080), Max 25fps; 720P (1280*720), Max 25fps;<br>Sub Stream: D1 (720*576), Max 25fps; 640*360,Max 25fps; 2CIF(704*288), Max 25fps;<br>CIF(352*288), Max 25fps |
| Video Bit Rate          | 128 Kbps ~ 6144 Kbps                                                                                                                                                                   |
| U-code                  | Support                                                                                                                                                                                |
| OSD                     | Up to 4 OSDs                                                                                                                                                                           |
| Privacy Mask            | Up to 4 areas                                                                                                                                                                          |
| ROI                     | Up to 8 areas                                                                                                                                                                          |
| Video Stream            | Dual Streams                                                                                                                                                                           |
| Image                   | Description                                                                                                                                                                            |
| White Balance           | Auto; Outdoor; Fine Tune; Sodium Lamp; Locked; Auto2                                                                                                                                   |
| Digital Noise Reduction | 2D/3D DNR                                                                                                                                                                              |
| Smart IR                | Support                                                                                                                                                                                |
| Flip                    | Normal; Flip Vertical; Flip Horizontal; 180°                                                                                                                                           |
| Dewarping               | N/A                                                                                                                                                                                    |
| HLC                     | Support                                                                                                                                                                                |
| BLC                     | Support                                                                                                                                                                                |
| Defog                   | Digital Defog                                                                                                                                                                          |
| Events                  | Description                                                                                                                                                                            |
| Basic Detection         | Motion Detection; Audio Detection                                                                                                                                                      |
| General Function        | Watermark; IP Address Filtering; Access Policy; ARP Protection; RTSP Authentication; User Authentication; HTTP Authentication                                                          |
| Audio                   | Description                                                                                                                                                                            |
| Audio Compression       | G.711U; G.711A                                                                                                                                                                         |
| Audio Bitrate           | 64 Kbps                                                                                                                                                                                |
| Two-way Audio           | N/A                                                                                                                                                                                    |
| Suppression             | Support                                                                                                                                                                                |
| Sampling Rate           | 8KHZ                                                                                                                                                                                   |
| Storage                 | Description                                                                                                                                                                            |

|                        |                                                                                                                                                                                                     |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Edge Storage           | Micro SD, up to 512 GB                                                                                                                                                                              |
| Network Storage        | ANR                                                                                                                                                                                                 |
| Network                | Description                                                                                                                                                                                         |
| Protocols              | IPv4; IGMP; ICMP; TCP; UDP; DHCP; RTP; RTSP; RTCP; RTMP; DNS; DDNS; NTP; UPnP; HTTP; HTTPS; QoS                                                                                                     |
| Compatible Integration | ONVIF (Profile S, Profile G, Profile T); API                                                                                                                                                        |
| User/Host              | Up to 32 users, 2 user levels: administrator and common user                                                                                                                                        |
| Web Browser            | Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above; Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above |
| Interface              | Description                                                                                                                                                                                         |
| Audio I/O              | N/A                                                                                                                                                                                                 |
| Alarm I/O              | N/A                                                                                                                                                                                                 |
| Built-in Mic           | Support                                                                                                                                                                                             |
| Built-in Speaker       | N/A                                                                                                                                                                                                 |
| WIFI                   | N/A                                                                                                                                                                                                 |
| Network                | 1 x RJ45 10M/100M Base-TX Ethernet                                                                                                                                                                  |
| Video Output           | N/A                                                                                                                                                                                                 |
| Certification          | Description                                                                                                                                                                                         |
| EMC                    | CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035)<br>FCC (FCC 47 CFR part15 B)                                                                                                            |
| Safety                 | CE LVD (EN 62368-1)<br>CB (IEC 62368-1)                                                                                                                                                             |
| Environment            | CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU)                                                                                                                                                |
| Protection             | IP67 (IEC 60529)                                                                                                                                                                                    |
| General                | Description                                                                                                                                                                                         |
| Power                  | DC 12V $\pm$ 25%, PoE (IEEE 802.3af)<br>Power consumption: Max 3.2W                                                                                                                                 |
| Power Interface        | Ø 5.5mm coaxial power plug                                                                                                                                                                          |
| Dimensions             | Ø118 x 97mm (Ø4.6" x 3.8" )                                                                                                                                                                         |
| Weight                 | 0.27kg (0.60lb)                                                                                                                                                                                     |
| Working Environment    | -40 °C ~ 60 °C, Humidity: ≤95% RH (non-condensing)                                                                                                                                                  |
| Storage Environment    | -40 °C ~ 60 °C, Humidity: ≤95% RH (non-condensing)                                                                                                                                                  |

