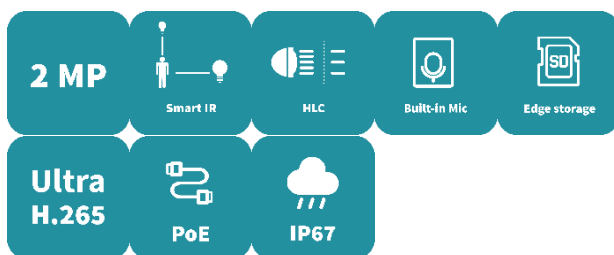


## 2MP Mini Fixed Bullet Network Camera

IPC-B122-APF28(40)K



## Features

- High quality image with 1080P, 1/2.9" CMOS sensor
- 1080P (1920 × 1080)@25/20 fps; 720P (1280 × 720)@25/20 fps
- Ultra 265, H.265, H.264
- 2D/3D DNR (digital noise reduction)
- ROI (region of interest) ensures image quality in areas of interest with low bandwidth
- Smart IR, up to 30 m (98.4 ft.) IR distance
- MicroSD, up to 128 GB
- 3-axis
- Built-in mic
- Wide temperature range: -30 °C to 60 °C (-22 °F to 140 °F)
- DC 12 V, PoE (IEEE 802.3af) power supply
- IP67

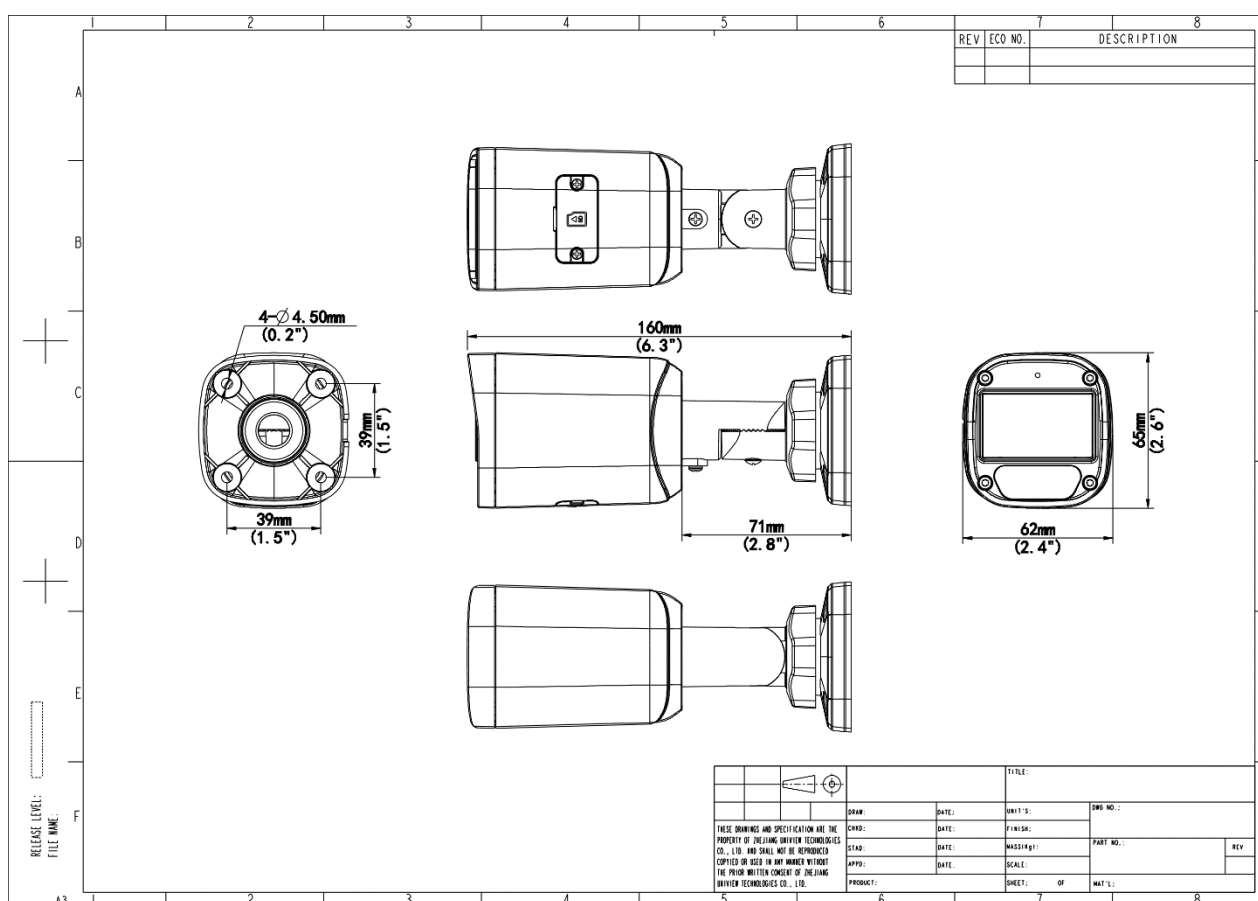
## Specifications

| Model                      | IPC-B122-APF28K                                                                                                                                                                                                 |                    | IPC-B122-APF40K |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------|
| Camera                     |                                                                                                                                                                                                                 |                    |                 |
| Max Resolution             | 2 MP                                                                                                                                                                                                            |                    |                 |
| Sensor                     | 1/2.9" CMOS                                                                                                                                                                                                     |                    |                 |
| Min. Illumination          | Color: 0.02 Lux (F2.1, AGC ON), 0 Lux with IR on                                                                                                                                                                |                    |                 |
| Day/Night                  | IR-cut filter with auto switch (ICR)                                                                                                                                                                            |                    |                 |
| Shutter                    | Auto/Manual, 1 ~ 1/100000s                                                                                                                                                                                      |                    |                 |
| Adjustment Angle           | Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°                                                                                                                                                            |                    |                 |
| S/N                        | >52 dB                                                                                                                                                                                                          |                    |                 |
| WDR                        | DWDR                                                                                                                                                                                                            |                    |                 |
| Lens                       |                                                                                                                                                                                                                 |                    |                 |
| Focal Length               | 2.8 mm                                                                                                                                                                                                          | 4.0 mm             |                 |
| Iris                       | F2.1                                                                                                                                                                                                            |                    |                 |
| Iris Type                  | Fixed                                                                                                                                                                                                           |                    |                 |
| Field of View (H)          | 101.1°                                                                                                                                                                                                          | 83.7°              |                 |
| Field of View (V)          | 55.0°                                                                                                                                                                                                           | 44.6°              |                 |
| Field of View (D)          | 111.0°                                                                                                                                                                                                          | 89.1°              |                 |
| DORI                       |                                                                                                                                                                                                                 |                    |                 |
| DORI Distance (Lens)       | 2.8 mm                                                                                                                                                                                                          | 4 mm               |                 |
| DORI Distance (Detect)     | 45.0 m (147.6 ft.)                                                                                                                                                                                              | 64.3 m (211.0 ft.) |                 |
| DORI Distance (Observe)    | 18.0 m (59.1 ft.)                                                                                                                                                                                               | 25.7 m (84.3 ft.)  |                 |
| DORI Distance (Recognize)  | 9.0 m (29.5 ft.)                                                                                                                                                                                                | 12.9 m (42.3 ft.)  |                 |
| DORI Distance (Identify)   | 4.5 m (14.8 ft.)                                                                                                                                                                                                | 6.4 m (21.0 ft.)   |                 |
| Illuminator                |                                                                                                                                                                                                                 |                    |                 |
| Supplemental Light         | IR                                                                                                                                                                                                              |                    |                 |
| Illumination Distance (IR) | Up to 30m (98ft)                                                                                                                                                                                                |                    |                 |
| Wavelength                 | 850 nm                                                                                                                                                                                                          |                    |                 |
| IR On/Off Control          | Auto/Manual                                                                                                                                                                                                     |                    |                 |
| Video                      |                                                                                                                                                                                                                 |                    |                 |
| 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. 25 fps; 720P (1280 × 720), max. 25 fps;<br>Sub Stream: D1 (720 × 576), max. 25 fps; 640 × 360, max. 25 fps; 2CIF (704 × 288), max. 25 fps; CIF (352 × 288), max. 25 fps; |                    |                 |
| Video Bit Rate             | 128 Kbps to 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                   |                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 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                  |                                                                                                                                  |
| Basic Detection         | Motion detection, Audio detection                                                                                                |
| General Function        | Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication    |
| Storage                 |                                                                                                                                  |
| Edge Storage            | MicroSD, up to 512 GB                                                                                                            |
| Network Storage         | ANR                                                                                                                              |
| Audio                   |                                                                                                                                  |
| Audio Compression       | G.711U, G.711A                                                                                                                   |
| Audio Bitrate           | 64 Kbps                                                                                                                          |
| Two-way Audio           | N/A                                                                                                                              |
| Suppression             | Support                                                                                                                          |
| Sampling Rate           | 8 kHz                                                                                                                            |
| Network                 |                                                                                                                                  |
| 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                                                                     |
| Client                  | Uniarch client, Uniarch app                                                                                                      |
| Web Browser             | Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+ |
| Interface               |                                                                                                                                  |
| Audio I/O               | N/A                                                                                                                              |
| Alarm I/O               | N/A                                                                                                                              |
| Built-in Mic            | Support                                                                                                                          |
| Built-in Speaker        | N/A                                                                                                                              |
| WIFI                    | N/A                                                                                                                              |
| Network                 | 1 × RJ45 10 M/100 M Base-TX Ethernet                                                                                             |
| Video Output            | N/A                                                                                                                              |
| Certification           |                                                                                                                                  |
| 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             |                                                                         |
| Power               | DC 12 V±25%, PoE (IEEE 802.3af)<br>Power consumption: Max. 3.2 W        |
| Power Interface     | Ø5.5 mm coaxial power plug                                              |
| Dimensions          | 160 mm × 62 mm × 65 mm (6.3" × 2.4" × 2.6") (L × W × H)                 |
| Weight              | 0.21 kg (0.46 lb.)                                                      |
| Material            | Graphene + Plastic                                                      |
| Storage Environment | -30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing) |
| Working Environment | -30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing) |
| Surge Protection    | 4 KV                                                                    |
| Reset Button        | N/A                                                                     |

## Dimensions



## Accessories

### TR-JB05-A-IN

Small Bullet Junction Box(Support wiring from behind,Square)



### TR-UP06-B-IN

Bullet Pole Mounting Bracket



### TR-UP06-C-IN

Pole Mounting Bracket for Bullet Junction Box Only



### TR-A01-IN

NPT 3/4" Waterproof Cable Gland



### TR-UC08-C

Bullet&Dome Corner Mounting Bracket



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