

# 2MP Mini Fixed Bullet Network Camera

IPC-B122-APF28(40)



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

### Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of  $\pm 25\%$
- IP67

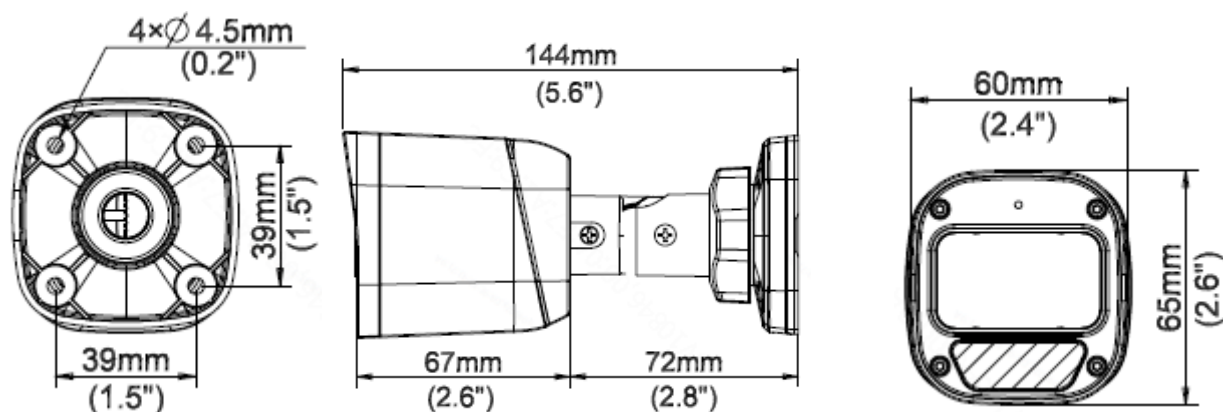
## Specifications

|                         |                                                                                                                                                                                      |            |                |                |                   |  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|----------------|-------------------|--|
|                         | IPC-B122-APF28                                                                                                                                                                       |            |                | IPC-B122-APF40 |                   |  |
| Camera                  |                                                                                                                                                                                      |            |                |                |                   |  |
| Sensor                  | 1/2.8", progressive scan, CMOS                                                                                                                                                       |            |                |                |                   |  |
| Lens                    | 2.8mm@F2.1                                                                                                                                                                           |            |                | 4.0mm@F2.1     |                   |  |
| DORI Distance           | Lens (mm)                                                                                                                                                                            | Detect (m) | Observe (m)    | Recognize (m)  | Identify (m)      |  |
|                         | 2.8                                                                                                                                                                                  | 43.4       | 17.4           | 8.7            | 4.3               |  |
|                         | 4.0                                                                                                                                                                                  | 62.1       | 24.8           | 12.4           | 6.2               |  |
| Angle of View (H)       | 106.7°                                                                                                                                                                               |            |                | 87.5           |                   |  |
| Angle of View (V)       | 57.1°                                                                                                                                                                                |            |                | 46.3°          |                   |  |
| Angle of View (O)       | 115.7°                                                                                                                                                                               |            |                | 92.4°          |                   |  |
| Adjustment angle        | Pan: 0° ~ 360°                                                                                                                                                                       |            | Tilt: 0° ~ 90° |                | Rotate: 0° ~ 360° |  |
| Shutter                 | Auto/Manual, 1 ~ 1/100000s                                                                                                                                                           |            |                |                |                   |  |
| Minimum Illumination    | Colour: 0.02Lux (F2.1, AGC ON)<br>0Lux with IR on                                                                                                                                    |            |                |                |                   |  |
| Digital noise reduction | 2D/3D DNR                                                                                                                                                                            |            |                |                |                   |  |
| Day/Night               | IR-cut filter with auto switch (ICR)                                                                                                                                                 |            |                |                |                   |  |
| S/N                     | >52dB                                                                                                                                                                                |            |                |                |                   |  |
| IR Range                | Up to 30m (98ft) IR range                                                                                                                                                            |            |                |                |                   |  |
| Defog                   | Digital Defog                                                                                                                                                                        |            |                |                |                   |  |
| WDR                     | DWDR                                                                                                                                                                                 |            |                |                |                   |  |
| Audio                   |                                                                                                                                                                                      |            |                |                |                   |  |
| Audio Compression       | G.711                                                                                                                                                                                |            |                |                |                   |  |
| Suppression             | Supported                                                                                                                                                                            |            |                |                |                   |  |
| Sampling Rate           | 8KHZ                                                                                                                                                                                 |            |                |                |                   |  |
| 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 25fps; 720P (1280*720), Max 25fps;<br>Sub Stream: D1 (720*576), Max 25fps; 640*360,Max 25fps; 2CIF(704*288), Max 25fps; CIF(352*288), Max 25fps; |            |                |                |                   |  |
| HLC                     | Supported                                                                                                                                                                            |            |                |                |                   |  |
| BLC                     | Supported                                                                                                                                                                            |            |                |                |                   |  |
| OSD                     | Up to 4 OSDs                                                                                                                                                                         |            |                |                |                   |  |
| Privacy Mask            | Up to 4 areas                                                                                                                                                                        |            |                |                |                   |  |
| ROI                     | Up to 8 areas                                                                                                                                                                        |            |                |                |                   |  |
| Motion Detection        | Up to 4 areas                                                                                                                                                                        |            |                |                |                   |  |
| Network                 |                                                                                                                                                                                      |            |                |                |                   |  |
| Protocols               | IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP                                                                                                  |            |                |                |                   |  |
| Compatible Integration  | ONVIF (Profile S, Profile T), API                                                                                                                                                    |            |                |                |                   |  |
| Interface               |                                                                                                                                                                                      |            |                |                |                   |  |
| Network                 | 10/100M Base-TX Ethernet                                                                                                                                                             |            |                |                |                   |  |
| Built-in Mic            | Supported                                                                                                                                                                            |            |                |                |                   |  |

## General

|                        |                                                                  |
|------------------------|------------------------------------------------------------------|
| Power                  | DC 12V±25%, PoE                                                  |
|                        | Power consumption: Max 3.5W                                      |
| Dimensions (L × W × H) | 144 × 60 × 65mm (5.6" × 2.4" × 2.6")                             |
| Weight                 | 0.17kg (0.37lb)                                                  |
| Working Environment    | -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing) |
| Surge Protection       | 4KV                                                              |
| Ingress Protection     | IP67                                                             |
| Reset Button           | N/A                                                              |

## Dimensions



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\*Product specifications and availability are subject to change without notice.