# 2MP Fixed Dome Network Camera

## IPC3612ER3-PF28 (40)-C

## Key Features

### Optics

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

### Compression

- Ultra 265,H.265, H.264, MJPEG
- Embedded smart algorithm
- Triple streams
- 9:16 corridor mode

### Network

- ONVIF Conformance

### Structure
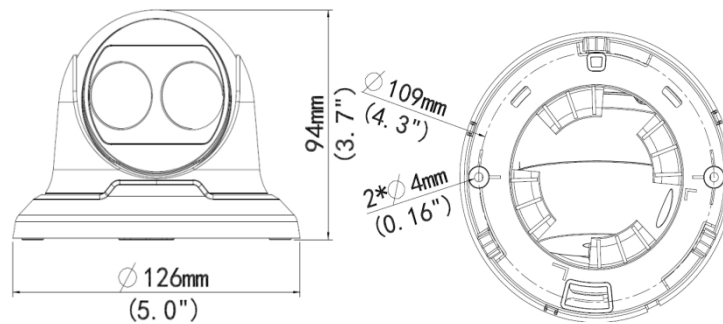
- Wide temperature range: -35°C to 60°C (-31°F to 140°F)
- Wide voltage range of ±25%
- 4 KV surge protection designed for network interface
- IP67

# Specifications

| 2 | IPC3612ER3-PF28-C | | | IPC3612ER3-PF40-C | |
|---|---|---|---|---|---|
| Camera | | | | | |
| Sensor | 1/2.7", progressive scan, 2.0 megapixel, progressive scan, CMOS | | | | |
| Lens | 2.8mm@F1.6 | | | 4.0mm@F1.6 | |
| DORI Distance | Lens | Detect(m) | Observe(m) | Recognize(m) | Identify(m) |
| | 2.8mm | 42 | 16.8 | 8.4 | 4.2 |
| | 4mm | 60 | 24 | 12 | 6 |
| Angle of view(H) | 112.7° | | | 86.5° | |
| Angle of View (V) | 60.1° | | | 44.1° | |
| Angle of View (O) | 146.5° | | | 106.4° | |
| Adjustment angle | Pan: 0°~360° | | Tilt: 0°~90° | | Rotate: 0°~360° |
| Shutter | Auto/Manual, 1/6~1/100000 s | | | | |
| Minimum Illumination | Colour: 0.005 Lux (F1.6, AGC ON) <br> 0 Lux with IR | | | | |
| Day/Night | IR-cut filter with auto switch (ICR) | | | | |
| Digital noise reduction | 2D/3D DNR | | | | |
| S/N | >52dB | | | | |
| IR Range | Up to 30m (98 ft) IR range | | | | |
| Defog | Digital Defog | | | | |
| WDR | DWDR | | | | |
| Video | | | | | |
| Video Compression | Ultra 265,H.265, H.264, MJPEG | | | | |
| H.264 code profile | Baseline profile, Main Profile, High Profile | | | | |
| Frame Rate | Main Stream:2MP (1920×1080): Max. 30 fps; <br> Sub Stream:2MP (1920×1080): Max. 30 fps; <br> Third Stream:D1 (720×576): Max. 30 fps | | | | |
| HLC | Supported | | | | |
| BLC | Supported | | | | |
| 9:16 Corridor Mode | Supported | | | | |
| OSD | Up to 8 OSDs | | | | |
| Privacy Mask | Up to 8 areas | | | | |
| ROI | Up to 8 areas | | | | |
| Motion Detection | Up to 4 areas | | | | |
| Smart | | | | | |
| Behavior Detection | Intrusion, cross line, motion detection | | | | |
| Intrusion | Enter and loiter in a pre-defined virtual region | | | | |
| cross line | Cross a pre-defined virtual line | | | | |
| motion detection | Moving within a pre-defined virtual region | | | | |
| Recognition | Face detection、Audio detection | | | | |
| Intelligent Identification | Defocus, Scene Change | | | | |
| Statistical Analysis | People counting | | | | |
| General Function | Watermark, IP Address Filtering, Tampering Alarm, Access Policy, ARP Protection, RTSP Authentication, User Authentication | | | | |

| Network | |
|---|---|
| Protocols | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x |
| Compatible Integration | ONVIF(Profile S), API |
| **Interface** | |
| Network | 1 RJ4510M/100M Base-TX Ethernet |
| **General** | |
| Power | 12 V DC±25%, PoE (IEEE802.3 af) |
| | Power consumption: Max 5.5W |
| Dimensions (Ø x H) | Φ126 x 94 mm (Ø5.0" x 3.7") |
| Weight | 0.33 kg (0.73lb) |
| Working Environment | -35°C ~ +60°C (-31°F ~ 140°F), Humidity:10%~95% RH(non-condensing) |
| Ingress Protection | IP67 |

# Dimensions



# Accessories

| Installation mode | Accessories | Description |
|---|---|---|
| Ceiling mount | Mounting pedestal is included in the product package | TR-JB03-C-IN junction box and TR-A01-INwaterproof joint for the junction is optional |
| Wall mount | TR-WM03-A-IN | For indoor wall installation, excluding junction box |
| | TR-JB07/WM03-A-IN (Or WM03-B-IN) | For outdoor wall installation, including junction box TR-A01-INwaterproof joint for the junction is optional |
| Pole mount | TR-WM03-A-IN +TR-UP06-IN | For indoor wall installation, excluding junction box |
| | TR-JB07/WM03-A-IN (Or WM03-B-IN)+TR-UP06-IN | For outdoor wall installation, including junction box |