

## 4MP HD IR Fixed Dome Network Camera

### IPC-D124-PF28K



## Features

- High quality image with 4 MP, 1/3.0" CMOS sensor
- 4 MP (2560 × 1440)@20 fps; 3 MP (2304 × 1296)@20 fps; 1080P (1920 × 1080)@30/25 fps
- Ultra 265, H.265, H.264, MJPEG
- 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 512 GB
- 3-axis
- Wide temperature range: -30 °C to 60 °C (-22 °F to 140 °F)
- DC 12 V, PoE (IEEE 802.3af) power supply
- IP67
- IK10

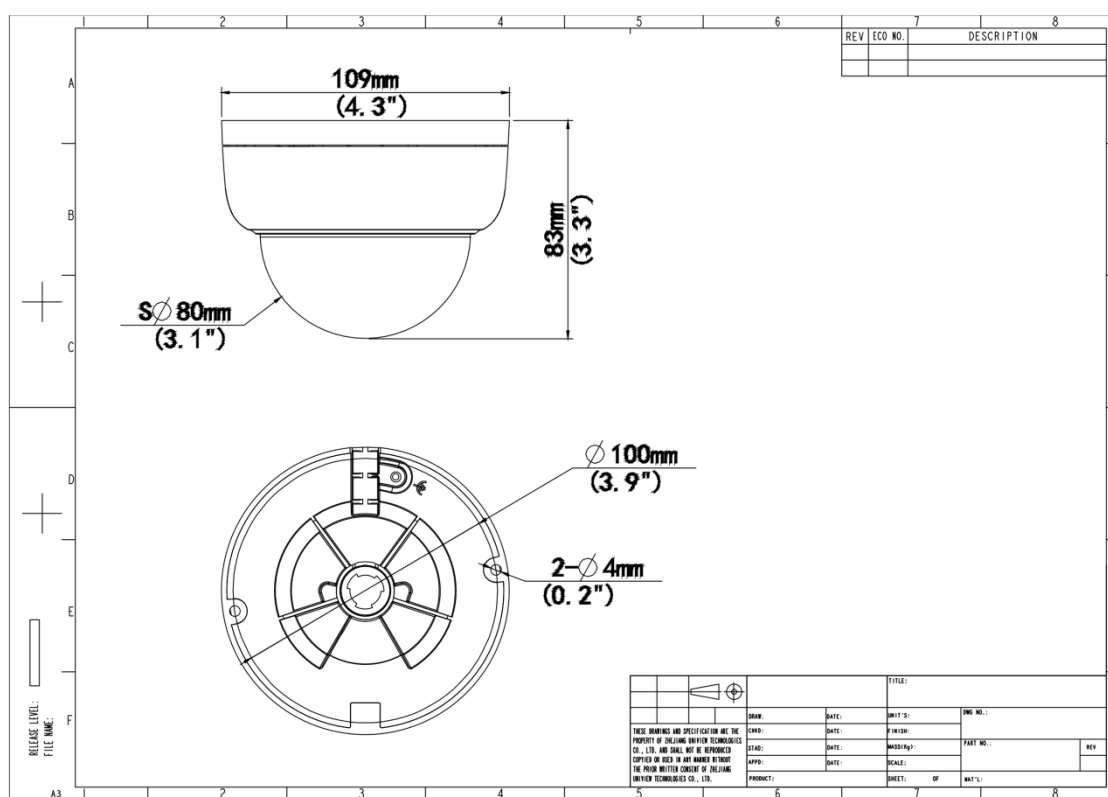
## Specifications

| Model                      | IPC-D124-PF28K                                                                                                                                                                                                                                                                    |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Camera</b>              |                                                                                                                                                                                                                                                                                   |
| Max Resolution             | 4 MP                                                                                                                                                                                                                                                                              |
| Sensor                     | 1/3.0"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: 8° to 360°, Tilt: 0° to 68°, Rotate: 10° to 360°                                                                                                                                                                                                                             |
| S/N                        | >52 dB                                                                                                                                                                                                                                                                            |
| WDR                        | DWDR                                                                                                                                                                                                                                                                              |
| <b>Lens</b>                |                                                                                                                                                                                                                                                                                   |
| Focal Length               | 2.8 mm                                                                                                                                                                                                                                                                            |
| Iris Type                  | Fixed                                                                                                                                                                                                                                                                             |
| Iris                       | F2.1                                                                                                                                                                                                                                                                              |
| Field of View (H)          | 97.0°                                                                                                                                                                                                                                                                             |
| Field of View (V)          | 52.2°                                                                                                                                                                                                                                                                             |
| Field of View (D)          | 107.5°                                                                                                                                                                                                                                                                            |
| <b>DORI</b>                |                                                                                                                                                                                                                                                                                   |
| DORI Distance (Lens)       | 2.8 mm                                                                                                                                                                                                                                                                            |
| DORI Distance (Detect)     | 63.0 m (206.7 ft.)                                                                                                                                                                                                                                                                |
| DORI Distance (Observe)    | 25.2 m (82.7 ft.)                                                                                                                                                                                                                                                                 |
| DORI Distance (Recognize)  | 12.6 m (41.3 ft.)                                                                                                                                                                                                                                                                 |
| DORI Distance (Identify)   | 6.3 m (20.7 ft.)                                                                                                                                                                                                                                                                  |
| <b>Illuminator</b>         |                                                                                                                                                                                                                                                                                   |
| Supplemental Light         | IR                                                                                                                                                                                                                                                                                |
| Illumination Distance (IR) | Up to 30m (98ft)                                                                                                                                                                                                                                                                  |
| Wavelength                 | 850 nm                                                                                                                                                                                                                                                                            |
| IR On/Off Control          | Auto/Manual                                                                                                                                                                                                                                                                       |
| <b>Video</b>               |                                                                                                                                                                                                                                                                                   |
| Video Compression          | Ultra 265, H.265, H.264, MJPEG                                                                                                                                                                                                                                                    |
| H.264 Code Profile         | Baseline profile, Main profile, High profile                                                                                                                                                                                                                                      |
| Frame Rate                 | Main Stream: 4 MP (2560 × 1440), max. 20 fps; 3 MP (2304 × 1296), max. 20 fps; 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps;<br>Sub Stream: D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 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         | Tampering alarm, Ultra motion 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                                                                                                                              |
| 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                  | APP, Uniarch client                                                                                                              |
| 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            | N/A                                                                                                                              |
| 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)<br>IK10 (IEC 62262)                                                                                             |
| General                 |                                                                                                                                  |
| Power                   | DC 12 V±25%, PoE (IEEE 802.3af)<br>Power consumption: Max. 3.4 W                                                                 |

|                     |                                                                         |
|---------------------|-------------------------------------------------------------------------|
| Power Interface     | Ø5.5 mm coaxial power plug                                              |
| Dimensions          | Ø109 mm × 83 mm (Ø4.3" × 3.3") (Ø × H)                                  |
| Weight              | 0.34 kg (0.75 lb.)                                                      |
| Material            | Metal + 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-JB03-G-IN

Junction Box for Mini Fix-dome(Support wiring from behind)



### TR-UM06-E-IN

Slant Mounting Bracket for Fixed Dome



### TR-A01-IN

NPT 3/4" Waterproof Cable Gland



### TR-UP06-IN

Universal Pole Mounting Bracket



### TR-SE24-IN

Dome Pendent Mounting Pole 200mm



### TR-SE24-A-IN

Dome Pendent Mounting Pole 500mm



### TR-CM24-IN

Dome Pendent Mounting Bracket(Indoor)



### TR-JB07/WM03-G-IN-V2

Wall Mounting Assembling Bracket For 32  
Fix-dome&Mini Fix-dome&Plastic Turret  
Camera



### TR-WM03-D-IN-V2

Wall Mounting Bracket for 32  
Fix-dome&Mini Fix-dome&Plastic Turret  
Camera



### TR-UC08-C-V2

Bullet&Dome Corner Mounting Bracket



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