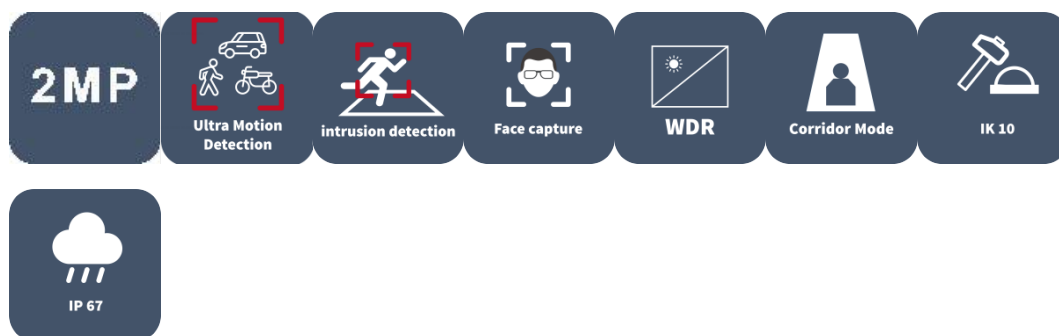


# 2MP HD Intelligent LightHunter IR Fixed Dome Network Camera

IPC322SB-DF28(40)K-I0



## Features

- High quality imaging with 2MP, 1/2.8"CMOS sensor
- 2MP (1920\*1080)@30/25fps; 720P (1280\*720)@30/25fps
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, include cross line, intrusion, enter area, leave area detection
- Based on target classification, smart intrusion prevention significantly reduce false alarm caused by leaves, birds and lights etc., accurately focus on human and, motor vehicle and non-motor vehicle
- Intelligent face capture
- LightHunter technology ensures ultra-high image quality in low illumination environment
- 120dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode
- Alarm:1 in/1 out, Audio: 1 in/1 out

- Smart IR, up to 30m (98ft) IR distance
- Supports 512 G Micro SD card
- IK10 vandal resistant
- IP67 protection
- Support PoE power supply

## Specifications

| Camera              | Description                                          |
|---------------------|------------------------------------------------------|
| Max Resolution      | 2MP                                                  |
| Sensor              | 1/2.8" CMOS                                          |
| Min. Illumination   | Colour:0.001 lux (F1.6, AGC ON)<br>0 lux with IR     |
| Day/Night           | IR-cut filter with auto switch (ICR)                 |
| Shutter             | Auto/Manual, 1 ~ 1/100000s                           |
| Adjustment Angle    | Pan: 3° ~ 360°, Tilt: 0° ~ 68°, Rotate: 3° ~ 360°    |
| S/N                 | >52dB                                                |
| WDR                 | 120dB                                                |
| Lens                | Description                                          |
| Focal Length        | IPC322SB-DF28K-I0:2.8 mm<br>IPC322SB-DF40K-I0:4.0 mm |
| Iris Type           | Fixed                                                |
| Iris                | F1.6                                                 |
| Field of View (H)   | IPC322SB-DF28K-I0:106.7°<br>IPC322SB-DF40K-I0:87.5°  |
| Field of View (V)   | IPC322SB-DF28K-I0:57.1°<br>IPC322SB-DF40K-I0:46.3°   |
| Field of View (D)   | IPC322SB-DF28K-I0:115.7°<br>IPC322SB-DF40K-I0:92.4°  |
| Lens Type           | Fixed                                                |
| DORI                | Description                                          |
| DORI Distance(Lens) | IPC322SB-DF28K-I0:2.8mm<br>IPC322SB-DF40K-I0:4.0mm   |

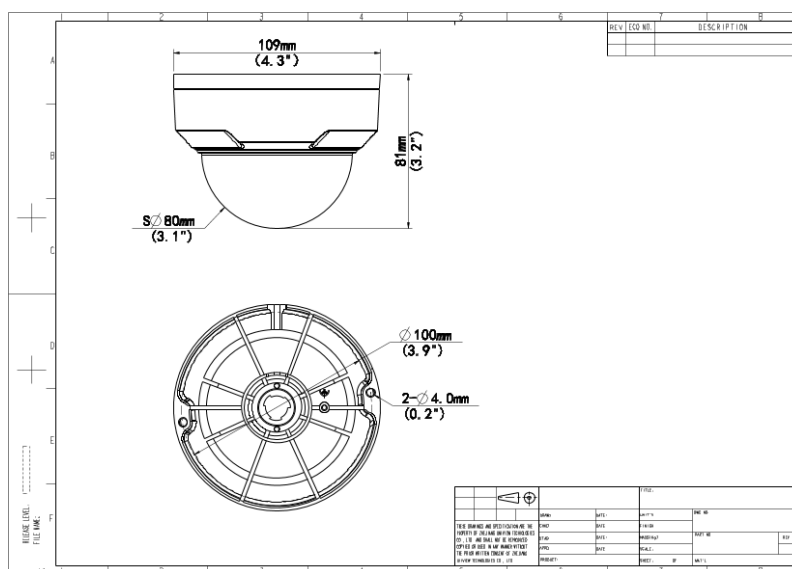
|                           |                                                                                                                                                                                                                                                                                |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DORI Distance(Detect)     | IPC322SB-DF28K-I0:43.4m(142.4ft)<br>IPC322SB-DF40K-I0:62.1m(203.7ft)                                                                                                                                                                                                           |
| DORI Distance(Observe)    | IPC322SB-DF28K-I0:17.4m(57.1ft)<br>IPC322SB-DF40K-I0:24.8m(81.4ft)                                                                                                                                                                                                             |
| DORI Distance(Recognize)  | IPC322SB-DF28K-I0:8.7m(28.5ft)<br>IPC322SB-DF40K-I0:12.4m(40.7ft)                                                                                                                                                                                                              |
| DORI Distance(Identify)   | IPC322SB-DF28K-I0:4.3m(14.1ft)<br>IPC322SB-DF40K-I0:6.2m(20.3ft)                                                                                                                                                                                                               |
| <b>Illuminator</b>        | <b>Description</b>                                                                                                                                                                                                                                                             |
| Supplemental Light        | IR                                                                                                                                                                                                                                                                             |
| Illumination Distance(IR) | 30 m (98.4 ft)                                                                                                                                                                                                                                                                 |
| IR On/Off Control         | Auto/Manual                                                                                                                                                                                                                                                                    |
| Wavelength                | 850 nm                                                                                                                                                                                                                                                                         |
| <b>Video</b>              | <b>Description</b>                                                                                                                                                                                                                                                             |
| 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 30fps; 720P (1280*720), Max 30fps;<br>Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps;<br>Third Stream: D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps;<br>CIF(352*288), Max 30fps; |
| Video Bit Rate            | 128 Kbps ~ 16 Mbps                                                                                                                                                                                                                                                             |
| U-code                    | Support                                                                                                                                                                                                                                                                        |
| OSD                       | Up to 8 OSDs                                                                                                                                                                                                                                                                   |
| Privacy Mask              | Up to 4 areas                                                                                                                                                                                                                                                                  |
| ROI                       | Up to 8 areas                                                                                                                                                                                                                                                                  |
| Video Stream              | Triple Streams                                                                                                                                                                                                                                                                 |
| <b>Image</b>              | <b>Description</b>                                                                                                                                                                                                                                                             |
| 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°; 90°Clockwise; 90°Anti-clockwise                                                                                                                                                                                                  |
| Dewarping                 | N/A                                                                                                                                                                                                                                                                            |

|                            |                                                                                                                                                                                                            |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HLC                        | Support                                                                                                                                                                                                    |
| BLC                        | Support                                                                                                                                                                                                    |
| Defog                      | Digital Defog                                                                                                                                                                                              |
| Intelligent                | Description                                                                                                                                                                                                |
| Smart Intrusion Prevention | Support False Alarm Filtering: Cross Line Detection, Intrusion Detection, Enter Area Detection, Leave Area Detection                                                                                       |
| Recognition                | Face Capture                                                                                                                                                                                               |
| Statistical Analysis       | People Counting; support people flow counting and crowd density monitoring                                                                                                                                 |
| Events                     | Description                                                                                                                                                                                                |
| Basic Detection            | Motion Detection; Ultra Motion Detection; Tampering Alarm; 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              | Support                                                                                                                                                                                                    |
| Suppression                | Support                                                                                                                                                                                                    |
| Sampling Rate              | 8KHZ                                                                                                                                                                                                       |
| Storage                    | Description                                                                                                                                                                                                |
| Edge Storage               | Micro SD, up to 512 GB                                                                                                                                                                                     |
| Network Storage            | ANR; NAS (NFS)                                                                                                                                                                                             |
| Network                    | Description                                                                                                                                                                                                |
| Protocols                  | IPv4; IPv6; IGMP; ICMP; ARP; TCP; UDP; DHCP; PPPoE; RTP; RTSP; RTCP; RTMP; DNS; DDNS; NTP; FTP; UPnP; HTTP; HTTPS; SMTP; 802.1x; SNMP; QoS; SSL/TLS; SSH                                                   |
| Compatible Integration     | ONVIF (Profile S, Profile G, Profile T, Profile M);<br>API; SDK                                                                                                                                            |
| User/Host                  | Up to 32 users. 3 user levels: administrator, common user and operator                                                                                                                                     |
| Security                   | Password Protection; Strong Password; HTTPS Encryption; Export Operation Logs; Basic and Digest Authentication for RTSP; Digest Authentication for HTTP; TLS 1.2; WSSE and Digest Authentication for ONVIF |
| Client                     | UNV-Link; UNV-Link Pro; EZStation                                                                                                                                                                          |
| 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                                                                                                                                                                                   |
| <b>Interface</b>     | <b>Description</b>                                                                                                                                                                                  |
| Audio I/O            | 1 Input: impedance 35k $\Omega$ ; amplitude 2V [p-p]; 1 Output: impedance 600 $\Omega$ ; amplitude 2V [p-p]                                                                                         |
| Alarm I/O            | 1/1                                                                                                                                                                                                 |
| Serial Port          | N/A                                                                                                                                                                                                 |
| Built-in Mic         | N/A                                                                                                                                                                                                 |
| Built-in Speaker     | N/A                                                                                                                                                                                                 |
| WIFI                 | N/A                                                                                                                                                                                                 |
| Network              | 1 x RJ45 10M/100M Base-TX Ethernet                                                                                                                                                                  |
| Video Output         | N/A                                                                                                                                                                                                 |
| <b>Certification</b> | <b>Description</b>                                                                                                                                                                                  |
| 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)<br>UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1)                                                                                                           |
| Environment          | CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU);                                                                                                                                               |
| Protection           | IP67 (IEC 60529)<br>IK10 (IEC 62262)                                                                                                                                                                |
| <b>General</b>       | <b>Description</b>                                                                                                                                                                                  |
| Power                | DC 12V $\pm$ 25%, PoE (IEEE 802.3af)<br>Power consumption: Max 5.0W                                                                                                                                 |
| Power Interface      | $\varnothing$ 5.5mm coaxial power plug                                                                                                                                                              |
| Dimensions           | $\Phi$ 108.7 x 81.1mm ( $\varnothing$ 4.3" x 3.2" )                                                                                                                                                 |
| Weight               | 0.42kg (0.93lb)                                                                                                                                                                                     |
| Material             | Metal                                                                                                                                                                                               |
| Working Environment  | -30 $^{\circ}$ C ~ 60 $^{\circ}$ C (-22 $^{\circ}$ F ~ 140 $^{\circ}$ F), Humidity: $\leq$ 95% RH (non-condensing)                                                                                  |
| Storage Environment  | -30 $^{\circ}$ C ~ 60 $^{\circ}$ C (-22 $^{\circ}$ F ~ 140 $^{\circ}$ F), Humidity: $\leq$ 95% RH (non-condensing)                                                                                  |
| Surge Protection     | 4KV                                                                                                                                                                                                 |
| Reset Button         | N/A                                                                                                                                                                                                 |
| Web Client Language  | 20 Languages<br>Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai, Turkish, Spanish |

|                  |                                                                   |
|------------------|-------------------------------------------------------------------|
|                  | (Latin America), Spanish (Europe), Hungarian, Italian, Vietnamese |
| Other            | Description                                                       |
| Software Version | IPC_G6202                                                         |

## Dimensions



## Accessories

## TR-JB03-G-IN

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

## TR-JB07/WM03-G-IN

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



## TR-WM03-D-IN

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



## TR-CM24-IN

Dome Pendent Mounting Bracket(Indoor)



## TR-SE24-A-IN

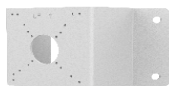
Dome Pendent Mounting Pole 500m  
m

## TR-SE24-IN

Dome Pendent Mounting Pole 200m  
m

## TR-UC08-C

Bullet&Dome Corner Mounting Bracket



## TR-UP06-IN

Universal Pole Mounting Bracket



## TR-A01-IN

NPT 3/4" Waterproof Cable Gland



## TR-UM06-E-IN

Slant Mounting Bracket for Fixed Dome



### Zhejiang Uniview Technologies Co., Ltd.

No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China (Zhejiang) Pilot Free Trade Zone, China

Email: [overseasbusiness@uniview.com](mailto:overseasbusiness@uniview.com); [globalsupport@uniview.com](mailto:globalsupport@uniview.com)

<http://www.uniview.com>

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