

# 5MP HD Intelligent Light and Audible Warning Fixed Eyeball Network Camera

IV-DEF28CLL5MPTG2-CA



## Key Features



- High quality image with 5MP, 1/2.7" CMOS sensor
- 5MP (2880\*1620)@ 30/25(default)fps; 4MP (2560\*1440)@ 30/25fps; 3MP (2304\*1296) @30/25fps; 2MP (1920\*1080) @30/25fps
- Ultra 265, H.265, H.264, MJPEG
- Intelligent perimeter protection, 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 People Flow Counting and Crowd Density Monitoring
- Auto Scene Match (ASM) (Only WDR)
- 130dB true WDR technology enables clear image in strong light scene
- Support red & blue warning light
- Support 9:16 Corridor Mode
- Alarm:1 in/1 out, Audio: 1 in/1 out, Built-in Mic and Speaker
- Smart IR, up to 30m (98.4 ft) IR distance
- Supports 256 G Micro SD card
- IP67 protection

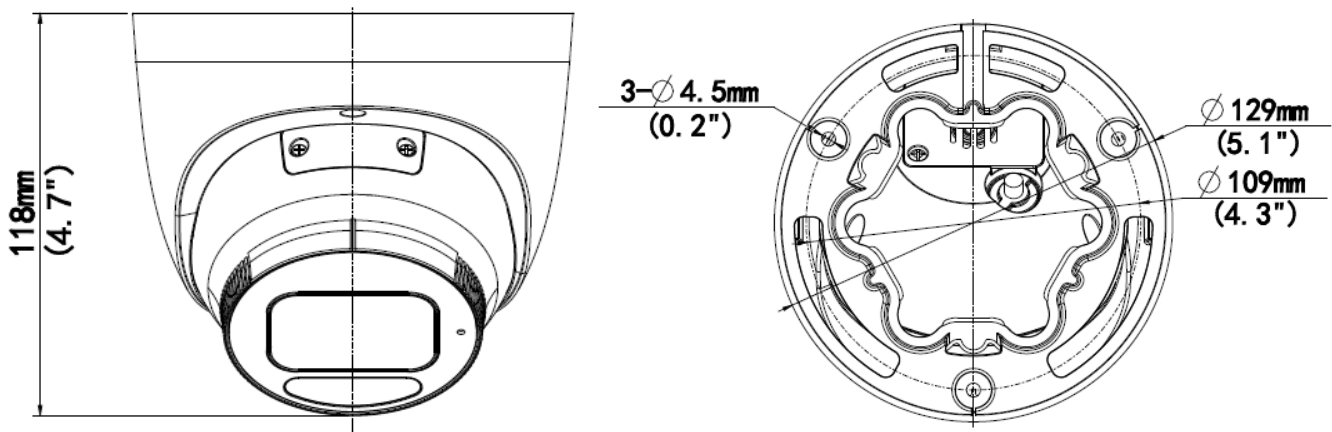
## Specifications

|                         |  |                |             |                   |              |
|-------------------------|--|----------------|-------------|-------------------|--------------|
| IV-DEF28CLL5MPTG2-CA    |  |                |             |                   |              |
| <b>Camera</b>           |  |                |             |                   |              |
| Sensor                  | 1/2.7", 5.0 megapixel, progressive scan, CMOS  |                |             |                   |              |
| Minimum Illumination    | Colour: 0.001 Lux (F1.0, AGC ON)<br>0 lux with IR on   |                |             |                   |              |
| Day/Night               | IR-cut filter with auto switch (ICR)   |                |             |                   |              |
| Shutter                 | Auto/Manual, 1 ~ 1/100000s   |                |             |                   |              |
| Adjustment angle        | Pan: 0° ~ 360°   | Tilt: 0° ~ 80° |             | Rotate: 0° ~ 360° |              |
| WDR                     | 130dB  |                |             |                   |              |
| S/N                     | >56dB  |                |             |                   |              |
| <b>Lens</b>             |  |                |             |                   |              |
| Lens                    | 2.8mm@F1.0   |                |             |                   |              |
| Iris                    | Fixed  |                |             |                   |              |
| Field of View (H)       | 109°   |                |             |                   |              |
| Field of View (V)       | 57°  |                |             |                   |              |
| Field of View (D)       | 132.5°   |                |             |                   |              |
| <b>DORI</b>             |  |                |             |                   |              |
| DORI Distance           | Lens (mm)  | Detect (m)     | Observe (m) | Recognize (m)     | Identify (m) |
|                         | 2.8  | 63.0           | 25.2        | 12.6              | 6.3          |
| <b>Illuminator</b>      |  |                |             |                   |              |
| IR Range                | Up to 30m (98.4 ft)  |                |             |                   |              |
| Warm Light Range        | Up to 30m (98.4 ft)  |                |             |                   |              |
| Wavelength              | 850nm  |                |             |                   |              |
| 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:5MP (2880*1620), Max 30fps; 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps;<br>Sub Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;<br>Third Stream: D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; 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>            |  |                |             |                   |              |
| Auto Scene Match (ASM)  | Support (Only WDR)   |                |             |                   |              |
| White Balance           | Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2  |                |             |                   |              |
| Digital Noise Reduction | 2D/3D DNR  |                |             |                   |              |

|                            |  |
|----------------------------|--|
| Smart IR                   | Support  |
| Flip                       | Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise   |
| Dewarping                  | N/A  |
| HLC                        | Support  |
| BLC                        | Support  |
| Defog                      | Digital Defog  |
| <b>Intelligent</b>         |  |
| Smart intrusion prevention | Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection   |
| Statistical Analysis       | People counting, support people flow counting and crowd density monitoring   |
| <b>Events</b>              |  |
| Basic Detection            | Motion detection, Ultra motion detection, Tampering alarm, Audio detection   |
| General Function           | Watermark, IP address filtering, tampering alarm, alarm input, alarm output, access Policy, ARP protection, RTSP authentication, user authentication   |
| <b>Audio</b>               |  |
| Audio Compression          | G.711U, G.711A   |
| Audio Bitrate              | 64 Kbps  |
| Two-way Audio              | Support  |
| Suppression                | Support  |
| Sampling Rate              | 8KHZ   |
| <b>Storage</b>             |  |
| Edge Storage               | Micro SD, up to 256GB  |
| Network Storage            | ANR, NAS(NFS)  |
| <b>Network</b>             |  |
| Protocols                  | IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP,SSL/TLS, SSH  |
| Compatible Integration     | ONVIF (Profile S, Profile G, Profile T), 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                     | GuardStation<br>GuardViewer<br>Star4Live   |
| 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>           |  |
| Audio I/O                  | Input: impedance 35kΩ; amplitude 2V [p-p]  |
|                            | Output: impedance 600Ω; amplitude 2V [p-p]   |
| Alarm I/O                  | 1/1  |
| RS485                      | N/A  |
| Built-in Mic               | Support  |
| Built-in Speaker           | Support  |
| WIFI                       | N/A  |
| Network                    | 1 * RJ45 10M/100M Base-TX Ethernet   |
| Video Output               | N/A  |
| <b>Certifications</b>      |  |
| EMC                        | CE-EMC (EN 55032,EN 61000-3-3,EN IEC 61000-3-2,EN 50130)   |

|                      |   |
|----------------------|---|
|                      | 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)  |
| <b>General</b>       |   |
| Power                | DC 12V±25%, PoE (IEEE 802.3af)  |
|                      | Power consumption: Max 10.0W  |
| Power Interface      | Ø 5.5mm coaxial power plug  |
| Dimensions (Ø x H)   | Φ129 x 118mm (Ø5.1" x 4.7")   |
| Weight               | 0.69kg (1.53lb)   |
| Material             | Metal   |
| Operating Conditions | -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)  |
| Storage Environment  | -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)  |
| Surge Protection     | 4KV   |
| Reset Button         | Support   |
| 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 |

## Dimensions



## Accessories

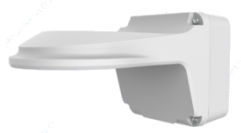
IV-JB03-H-IN

Junction Box



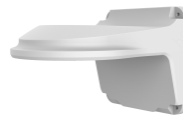
IV-JB07/WM03-F-IN

Wall Mount



IV-WM03-B-IN

Wall Mount



IV-UP06-IN

Pole Mount



IV-A01-IN

Waterproof Joint



IV-SE24-IN

Pendant Mount



IV-SE24-A-IN

Pendant Mount



IV-CM24-IN

Pendant Mount



| Junction Mount          | Pole Mount                                 |
|-------------------------|--|
| IV-JB03-H-IN            | IV-JB07/WM03-F-IN(IV-WM03-B-IN)+IV-UP06-IN |
|                         |  |
| IV-CM24-IN+IV-JB03-H-IN |  |

