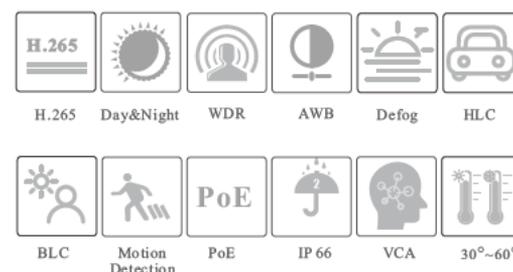


# IP-5IRD8C2H5-28-PA

## 8MP Dual Illumination AI Turret Network Camera



- H.265+/H265/H.264+/H264/ MJPEG coding
- Max. resolution: 3840 × 2160
- 30 ~ 40m IR or white light range
- 3D DNR, true WDR, HLC, BLC, Defog and ROI coding
- 1CH audio input; 1CH audio output
- 1CH built in speaker; 1CH built in microphone
- Built in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- IP66 ingress protection
- Support three streams
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- Intelligent analytics
- Blue and red light warning (flashing alternately)
- Support user defined warning voice import



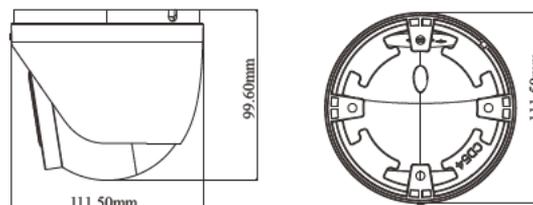
# 8MP Dual Illumination AI Turret Network Camera

## SPECIFICATIONS

| Specifications             | Model  | IP-5IRD8C2H5-28-PA |
|----------------------------|--|--------------------|
| <b>Camera</b>              |  |                    |
| Image Sensor               | 1 / 1.8" CMOS  |                    |
| Image Size                 | 3840 × 2160  |                    |
| Electronic Shutter         | 1 / 2s ~ 1 / 100000 s  |                    |
| Iris Type                  | Fixed Iris   |                    |
| Min. Illumination          | 0.008lux@F1.6, AGC ON, 0 lux with IR, 0 lux with LED   |                    |
| Lens                       | 2.8 mm@F1.6, H.FoV:109°; V.FoV:57°; D.FoV:132°;<br>3.6 mm@F1.6, H.FoV: 88°; V.FoV:51°; D.FoV:100°  |                    |
| Focus                      | Fixed  |                    |
| Lens Mount                 | M12  |                    |
| Wide Dynamic Range         | 120dB  |                    |
| BLC                        | Yes  |                    |
| HLC                        | Yes  |                    |
| Defog                      | Yes  |                    |
| Digital NR                 | 2D/3D DNR  |                    |
| S/N Ratio                  | ≥50dB  |                    |
| Angle Adjustment           | Pan: 0°~360°; Tilt:0°~75°; Rotation: 0°~360°   |                    |
| <b>Image</b>               |  |                    |
| Video Compression          | Main stream: H.265+ / H.265 / H.264+ / H.264<br>Sub/Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG  |                    |
| H.264 Compression Standard | Baseline Profile/Main Profile/High Profile   |                    |
| Resolution                 | 8MP(3840×2160), 6MP(3072×2048), 5MP(2592×1944), 4MP(2592×1520), 2K(2560×1440), 3MP(2304×1296), 1080P(1920×1080), 720P(1280×720), D1, VGA(640×480), CIF, 480×240                                    |                    |
| Main Stream                | 8MP/6MP/5MP/4MP/2K/3MP/1080P/720P (60Hz: 1~30fps; 50Hz: 1~25fps)   |                    |
| Sub Stream                 | 1080P/720P/D1/VGA/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)   |                    |
| Third Stream               | D1/VGA/CIF/480×240 (60Hz: 1~30fps; 50Hz: 1~25fps)  |                    |
| Bit Rate                   | 64 Kbps~12 Mbps  |                    |
| Bit Rate Type              | VBR / CBR  |                    |
| Audio Compression          | G711A / U  |                    |
| Image Settings             | ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Flip, Image Mirror, NR, etc. adjustable through client software or web browser  |                    |
| ROI                        | Each ROI to be configured separately   |                    |
| <b>Interfaces</b>          |  |                    |
| Network                    | RJ45 10M/100M self-adaptive Ethernet port  |                    |
| Video Output               | No   |                    |
| Audio                      | 1CH audio input; 1CH audio output; 1CH built-in speaker; 1CH built-in microphone   |                    |
| Alarm                      | 1CH alarm input; 1CH alarm output  |                    |
| Storage                    | Built-in micro SD card slot; up to 256GB   |                    |
| Reset                      | Yes  |                    |
| <b>Functions</b>           |  |                    |
| Remote Monitoring          | Web Client/NVR/NVMS 2.0/Mobile APP   |                    |
| Web Browser                | IE11 (plug-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+   |                    |
| Online Connection          | Support simultaneous monitoring for up to 10 users;<br>Support multi-stream real time transmission   |                    |
| Network Protocol           | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, PPoE, DDNS, SMTP, FTP, SNMP, RTMP, HTTP, 802.1x, UPnP, HTTPS, HTTP POST, QoS  |                    |
| Interface Protocol         | ONVIF  |                    |
| Storage                    | Network remote storage; micro SD card storage  |                    |
| Smart Alarm                | Motion detection, sensor alarm, SD card error, SD card full, IP address conflict, Cable connection   |                    |
| General Function           | Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction   |                    |
| Security                   | Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/HTTPS |                    |
| PoE                        | Yes, IEEE802.3af   |                    |
| Supplement light Range     | IR range: 30~40 m<br>White light range: 30~40 m  |                    |
| Protection Grade           | IP66   |                    |

| Intelligent Analytics    |  |            |           |          |
|--------------------------|--|------------|-----------|----------|
| Video Abnormality        | Scene change detection, video blur detection, abnormal color detection   |            |           |          |
| Perimeter Detection      | Line crossing detection (human/vehicle classification); Region intrusion/entrance/exiting detection (human/vehicle classification) |            |           |          |
| Sound&Light Warning      | Yes  |            |           |          |
| Other Events             | Face detection and face capture, abandoned/missing object detection; heat map; target counting by line/area, heat map              |            |           |          |
| <b>DORI Distance</b>     |  |            |           |          |
| Lens                     | Detect   | Observe    | Recognize | Identify |
| 2.8mm                    | 80m(262ft)   | 32m(105ft) | 16m(52ft) | 8m(26ft) |
| 3.6mm                    | 91m(299ft)   | 36m(118ft) | 18m(59ft) | 9m(30ft) |
| <b>Others</b>            |  |            |           |          |
| Power Supply             | DC 12V/PoE   |            |           |          |
| Power Consumption        | < 12.5W  |            |           |          |
| Storage Conditions       | - 30 °C ~ 65 °C (-22 °F ~ 149 °F), Humidity: less than 95 % (non-condensing)   |            |           |          |
| Operating Conditions     | - 30 °C ~ 60 °C (-22 °F ~ 140 °F), Humidity: less than 95 % (non-condensing)   |            |           |          |
| Dimensions ( mm )        | Ø111.5 × 99.6  |            |           |          |
| Weight ( net )           | Approx. 0.64KG   |            |           |          |
| Installation             | Ceiling mounting; wall mounting  |            |           |          |
| Certificate              | CE, FCC  |            |           |          |
| Environmental Protection | Complies with Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH(EC1907/2006)                                       |            |           |          |

## DIMENSIONS



## AVAILABLE ACCESSORIES



## AVAILABLE MODEL

| Available Model | IP-5IRD8C2H5-28-PA | Fixed lens |
|-----------------|--------------------|------------|
|-----------------|--------------------|------------|