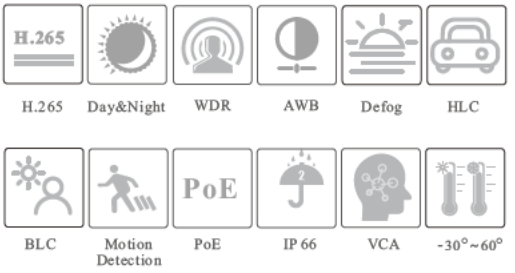
IP-5IR8C2H2-28-PA

8MP Dual Illumination AI Bullet Network Camera

- H.265+/H265/H.264+/H264/ MJPEG coding
- Max. resolution: 3840 × 2160
- ICR auto switch, true day / night
- 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
- Intelligent analytics
- Blue and red light warning (flashing alternately)
- Support user defined warning voice import



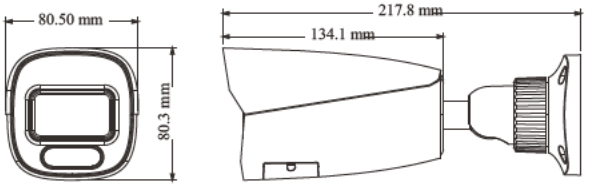
8MP Dual Illumination AI Bullet Network Camera

SPECIFICATIONS

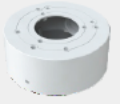
Model / Specifications	IP-5IR8C2H2-28-PA
Camera	
Image Sensor	1 / 1.8" CMOS
Image Size	3840 × 2160
Electronic Shutter	1 / 2s ~ 1 / 100000 s
Iris Type	Fixed Iris
Min. Illumination	0.008lux@F1.6,AGC ON, 0 lux with IR, 0 lux with LED
Lens	2.8 mm@F1.6, H.FoV:109°; V.FoV:57°; D.FoV:132°; 3.6 mm@F1.6, H.FoV: 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°~90°; Rotation: 0°~360°
Image	
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 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
Interfaces	
Network	RJ 45 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
Functions	
Remote Monitoring	Web Client/NVR/NVMS2.0/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; Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, PPPoE, 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 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			
DORI Distance				
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)
Others				
Power Supply	DC12V/PoE			
Power Consumption	< 11.5W			
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)	217.7 × 80.5 × 80.3			
Weight (net)	Approx. 0.68KG			
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



B8-W

AVAILABLE MODEL

Available Model	IP-5IR8C2H2-28-PA	Fixed lens