

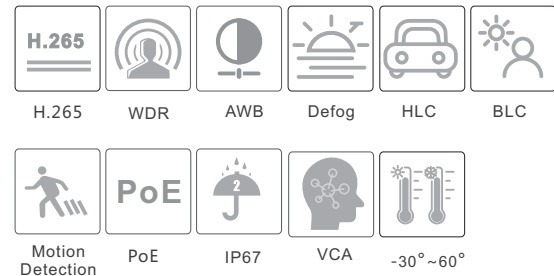
CAMERA

IPB-828

8MP HD Bullet Network Camera



- H.265+/H.265/H.264+/H.264 coding
- Max.resolution: 8MP (3840 × 2160)
- ICR auto switch, true day / night vision
- 3D DNR, true WDR, HLC, BLC, smart IR and ROI coding
- Lens distortion correction supported
- 30~50m IR night view distance
- 1CH audio input
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- Support three streams
- IP 67
- Support mobile surveillance by smart phones with iOS and Android OS
- Intelligent analytics



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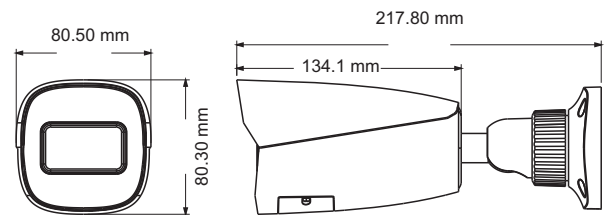
SPECIFICATIONS

Model	IPB-828	
Specifications		
Camera		
Image Sensor	1 / 2.8 "CMOS	
Image Size	3840x2160	
Electronic Shutter	1 s ~ 1 / 100000 s	
Iris Type	Fixed Iris	
Min. Illumination	0.05 lux @ F1.4, AGC ON; 0 lux with IR 0.06 lux @ F1.6, AGC ON; 0 lux with IR 0.1lux@F2.0, AGC ON; 0 lux with IR	
Lens	2.8 mm @F1.6, Horizontal FoV:109.7°; Vertical FoV:77.2°; Diagonal FoV:116.9° 3.6 mm @F2.0, Horizontal FoV: 90.6°; Vertical FoV:59.2°; Diagonal FoV:98.4°	2.8~12mm@F1.4, Horizontal FoV: 104.7°~32.5°; Vertical FoV:72.2°~18.6°; Diagonal FoV:112.2°~37°
Focus	Fixed	Motorized
Lens Mount	M12	Φ14
Day&Night	ICR	
Wide Dynamic Range	120dB	
BLC	Yes	
HLC	Yes	
Defog	Yes	
Digital NR	3D DNR	
Angle Adjustment	Pan: 0°~360°; Tilt:0°~90°; Rotation: 0°~360°	
Image		
Video Compression	H.265+ / H.265 / H.264+ / H.264	
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile	
Resolution	8MP (3840 × 2160), 6MP(3072 × 2048),5MP(2592 × 1944), 4MP (2560 × 1440), 1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240	
Main Stream	60Hz : 8MP/6MP(1~20fps), 5MP/4MP/1080P(1~30fps) 50Hz : 8MP/6MP(1~20fps), 5MP/4MP/1080P(1~25fps)	
Sub Stream	720P/D1/CIF/480 × 240(60Hz: 1~30fps; 50Hz: 1~25fps)	
Third Stream	D1/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, NR, etc. adjustable through client software or web browser	
ROI	3 ROI, Each ROI to be configured separately	
Interfaces		
Network	RJ45	
Video Output	No	
Audio	1CH audio input	
Storage	Built-in micro SD card slot; up to 256GB	
Reset	Yes	
Functions		
Remote Monitoring	Web browsing, CMS remote control	
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, ICMP, IGMP, PPPoE, DDNS, SMTP, FTP, SNMP,HTTP, 802.1x, UPnP, HTTPs, QoS	
Interface Protocol	ONVIF	
Storage	Network remote storage; micro SD card storage	
Smart Alarm	Motion detection; SD card error; SD card full	
Intelligent Analytics	Scene change, video blur detection, video color cast detection , line crossing detection, intrusion detection	
General function	Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction, etc.	
IR Distance	30~50m	
Protection Grade	IP 67	
PoE	Yes (IEEE802.3af)	

Others

Power Supply	DC12V/PoE
Power Consumption	< 10W
Operating Environment	- 30 °C ~ 60 °C (-22°F~140°F) Humidity: less than 95 % (non-condensing)
Dimensions (mm)	217.8 × 80.5 × 80.3
Weight (net)	Approx. 0.665KG
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	IPB-828	Fixed lens
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