

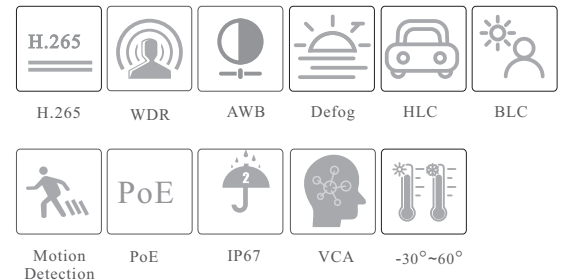
CAMERA

IPB-428

4MP IR Water-proof Bullet Network Camera



- H.265/H.264 coding
- Max.resolution: 4MP (2560 × 1440)
- ICR auto switch, true day / night vision
- 3D DNR, digital WDR, HLC, BLC, defog
- ROI coding
- 20~30m IR night view distance
- Built-in micro SD card slot, up to 128GB
- DC12V/PoE power supply
- P2P function optional
- IP 67 ingress protection
- Support three streams
- Support remote monitoring by smart phones& tablet PCs with iOS and Android OS
- Intelligent analytics: object removal detection, video exception detection, line crossing and intrusion detection



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for more information visit www.shieldcctv.com

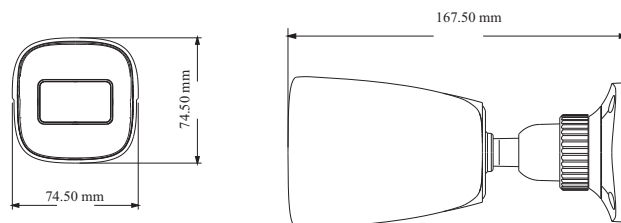
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SPECIFICATIONS

Specifications	Model	IPB-428
Camera		
Image Sensor		1 / 2.7 "CMOS
Image Size		2560×1440
Electronic Shutter		1 s ~ 1 / 100000 s
Iris Type		Fixed Iris
Min. Illumination		0.011 lux @F1.2, AGC ON; 0 lux with IR 0.04 lux @ F2.2, AGC ON; 0 lux with IR
Lens		2.8mm@F2.0, Horizontal FoV: 110°;Vertical FoV:77.6°;Diagonal FoV:117° 3.6mm@F2.2, Horizontal FoV: 89°;Vertical FoV:58°;Diagonal FoV:97°
Focus		Fixed
Lens Mount		M12
Day&Night		ICR
Wide Dynamic Range		Digital WDR
BLC		Yes
HLC		Yes
Defog		Yes
Digital NR		3D DNR
Angle Adjustment		Pan: 0°~360°; Tilt:0°~80°;Rotation: 0°~360°
Image		
Video Compression		H.265 / H.264
H.265 Compression Standard		Main Profile@Leve4.1 High Tier
Resolution		4MP (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240
Main Stream		60Hz: 4MP/3MP/1080P(1~30fps); 50Hz: 4MP/3MP/1080P(1~25fps)
Sub Stream		60Hz: 720P(1~15fps)/D1(1~30fps)/CIF (1~30fps); 50Hz: 720P(1~12fps)/D1(1~25fps)/CIF (1~25fps);
Third Stream		60Hz : D1/CIF/480×240 (1~30fps); 50Hz: D1/CIF/480×240 (1~25fps)
Bit Rate		64 Kbps ~ 5 Mbps
Bit Rate Type		VBR / CBR
Image Settings		ROI, Saturation, Brightness, Hue, Contrast,Wide Dynamic, Sharpness, NR,etc. adjustable through client software or web browser
ROI		Each ROI to be configured separately
Interfaces		
Network		RJ45
Video Output		No
Audio		No
Storage		Built-in micro SD card slot, up to 128GB
Reset		Yes
Functions		
Remote Monitoring		Web browsing, CMS remote control
Online Connection		Support simultaneous monitoring for up to 4 users; Support multi-stream real time transmission
Network Protocol		UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, 802.1x, UPnP, HTTP, HTTPS, QoS
Interface Protocol		ONVIF
Storage		Network remote storage; micro SD card storage
Smart Alarm		Motion detection, SD card full, SD card error
Smart Events		Object removal (object left/missing detection), scene change and video blur detection, intrusion and line crossing
General Function		Watermark, IP address filtering, video mask, heartbeat, illegal login lock
PoE		Yes
IR Distance		20 ~ 30 m
Ingress Protection		IP67

Others	
Power Supply	DC12V/PoE
Power Consumption	< 5W
Operating Environment	- 30 °C ~ 60 °C (-22°F~140°F) Humidity: less than 95 % (non-condensing)
Dimensions (mm)	167.5 × 74.5 × 74.5
Weight (net)	Approx. 0.38KG
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-428
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