

IPC-HDBW2231RP-ZAS-27135-S2-QH

- 2-megapixel IP video kamera designed for installation in internal security systems
- Pixels:1920 × 1080
- IR=40m
- F=2.7 mm-13.5 mm
- Video compression:H. 265; H. 264; H. 264B; MJPEG (supported only by an additional stream); BLC; HLC; WDR; 3D NR
- IP67

Type	IP
Megapixel	2 MP
Objective	Motorized
Focus	2.7-13.5 mm
Lighting	IR
Lighting distance	40 m
Protection	IP67
Material	Metal



Detailed

Model	IPC-HDBW2231RP-ZAS-27135-S2-QH
Camera	
The matrix	1/2. 8" 2 MP Progressive Scan CMOS
Effective pixels	1920 × 1080
ROM	128 MB
RAM	128 MB
Scanning system	Progressive
Electronic shutter speed	Auto / Manual 1 / 3 s - 1 / 100000 s
Mines. lighting	0.002 Lux F1. 5

Signal-To-Noise Ratio	>56 dB				
IR distance	40 m (131.23 ft)				
IR Control On / Off	Auto / Manual				
IR LEDs	Auto / Manual				
IR LEDs	2				
Pan / Tilt / Rotate Range	Pan:0° - 355° Tilt: 0° - 75° Rotation:0°- 355°				
Lens					
Lens Type	Motorized varifocal				
Mounting type	φ14				
Focal length	2.7 mm - 13.5 mm				
Max. aperture	F1.5				
Viewing angle	Horizontal:109° - 28° Vertical:57° - 16° Diagonal:131° - 33°				
IR Type	Fixed				
Closed focal length	0.8-0.8 m (2.62-2.62 ft)				
DOPE Distance	Lens	Detection	Notification	Speech recognition	Identification
	W	44.1 m (144.69 ft)	17.6 m (57.74 ft)	8.8 m (28.87 ft)	4.4 m (14.44 ft)
	T	151.7 m (497.70 ft)	60.6 m (198.82 ft)	30.3 m (99.41 ft)	15.1 m (49.65 ft)
Smart Events					
IVS	Stretching / Intrusion				
Video					
Video compression	H. 265; H. 264; H. 264B; MJPEG (Supported only by an additional stream)				
Smart Codec	Smart H.265+ / Smart H.264+				

Video Frame Rate	Main stream: 1920 × 1080 (1-25 / 30 fps) Additional stream: 704 × 576 (1-25 fps) 704 × 480 (1-30 fps)
Streaming capabilities	2 streams
Permission	1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576 / 704 × 480); VGA (640 × 480); CIF (352 × 288 / 352 × 240)
Data transfer rate monitoring	CBR / VBR
Video Transfer rate	H.264:32 kbps–6144 kbps H.265:12 kbps–6144 kbps
Day / Night	Auto (IR) / Color / B / W
BLC	There are
HLC	There are
WDR	120 dB
White Balance	Auto / Natural Light / Street Lamp / Outdoor / Manually / Regionally
Gain control	Auto / Manual
Noise reduction	3D NR
Motion Detection	Off / On (4 Zones, Rectangle)
Area of Interest (RoI)	Yes (4 Zones)
Smart Lighting	There are
Rotate the frame	0° / 90° / 180° / 270° (Supports 90° / 270° with 1080p resolution and lower.)
Display	There are
Privacy Mask	4 Zones
Audio	
Audio compression	G.711a; G.711Mu; G.726
Anxiety	
Disturbing events	No SD Card; SD card is full; SD card error; Network Outage; IP Conflict; Motion Detection; Video Violation; Stretching; Intrusion; Illegal Access; Voltage detection; Sound detection; Security exception; Local Alarm

Network	
Network	RJ-45 (10 / 100 Base-T)
SDK and API	There are
Cyber Security	Video encryption; Firmware encryption; Configuration Encryption; Digest; WSSE; Account Lockout; Security Logs; IP/MAC Filtering; Creating and Importing X. 509 Certification; System Log; HTTPS; 802.1 x; Trusted Download; Trusted Execution; Trusted Update
Protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP ; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Многоадресная рассылка; ICMP; IGMP; NFS; PPPoE; Bonjour
Compatibility	ONVIF (Profile S / Profile G / Profile T); CGI; P2P; Milestone; Genetec
User / Host	20
Keeping	FTP; Micro SD card (Support max. 256 GB); NAS; SFTP
Browser	IE Chrome Firefox
Management software	Smart PSS; DSS; DMSS
Smartphones	IOS; Android
Port	
Audio Input	1 channel (RCA port)
Audio Output	1 channel (RCA port)
Alarm Input	1-channel input:5 mA, 3-5V DC
Alarm Output	1-channel output:300 mA, 12 VDC
Protection	
Degree of protection	IP67; IK10
Certificates	
Certificates	CE-LVD:EN62368-1 CE-EMC:Electromagnetic Compatibility Directive 2014/30 / EU FCC:47 CFR FCC, Part 15, Subsection B UL / CUL:UL60950-1 CAN / CSA C22.2 No. 60950-1-07
Environment	

Operating temperature	30°C to +60°C (-22°F to +140°F) / Less than ≤ 95 % RH
Storage temperature	-40°C to +60°C (-40°F to +140°F)
Electrical properties	
Power supply	12V DC / PoE (802.3af)
Power consumption	
General information	
Body	Metal
Colour	White
Sizes	Φ122 mm × 88.9 mm (Φ4. 80 "× 3.50")
Net Weight	0.47 kg (1.04 lb)
Gross Weight	0.63 kg (1.39 lb)