

DH-IPC-HDBW2231FP-AS-0280B-S2

DH-IPC-HDBW2231FP-AS-0280B-S2 2MP 30M Vandal-proof IR Dome Kamera

- 2-megapixel IP video camera designed for installation in internal security systems
- Pixels:1920 × 1080
- f=2.8 mm
- IR=30m
- IP67

Type	IP
Megapixel	2 MP
Objective	Motionless
Focus	2.8 mm
Lighting	IR
Lighting distance	30 m
Microphone	Mic
Protection	IP67
Material	Metal



Detailed

Model	IPC-HDBW2231FP-AS-0280B-S2
Technical information	
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 seconds- 1 / 100 000 with			
Mines. lighting	0.002 Lux F1. 6			
Signal-To-Noise Ratio	> 56 dB			
IR distance	30 m (98.4 ft)			
IR Control On / Off	Auto / Manual			
IR LEDs	8			
Pan / Tilt / Rotate Range	Panning:-30° -30° Tilt: 0° - 80° Rotation:0° - 360°			
Lens				
Lens Type	Fixed			
Focal length	2.8 mm			
Max. aperture	F1.6			
Viewing angle	Horizontal:106°; Vertical: 56°; Diagonal:126°			
IR Type	Fixed			
Closed focal length	0.6 m (2.0 ft)			
DOPE Distance	Detection	Notification	Speech recognition	Identification
	56.0 m (183.7 ft)	22.4 m (73.5 ft)	11.2 m (36.7 ft)	5.6 m (8.5 ft)
Smart Events				
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 (1fps - 25 / 30 fps) Additional stream size: 704 × 576 (1fps-25 / 30 fps) 704 × 480 (1fps-25 / 30 fps)			
Vox 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)
Managing the bitrate	CBR / VBR
Bit rate	H.264:32 kbps - 6144 kbps H.265:12 kbps - 6144 kbps
Day / Night	Auto (ICR) / Color / B / W
BLC	There are
HLC	There are
WDR	120 dB
Balance	Auto / Natural / Street Lamp / Handmade / Regional
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° (Support 90°/270° with 1080p resolution and below)
Display	There are
Privacy Mask	4 Zones
Audio	
Built-in microphone	There are
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; Illegal Access; Motion Detection; Video Violation; Stretching; Intrusion; Sound Detection; Voltage 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; VSE; Account blocking; Security Logs; IP/MAC filtering; X. 509 Certificate generation and Import; 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; SFTP; Micro SD Card (Support Max. 256 GB); NAS
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 Input current:5 mA 3-5V DC
Alarm Output	1 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 CSA C22.2 No. 60950-1-07
Environment	
Operating temperature	-40°C to +60°C (-40°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
Power consumption	
General information	
Body	Metal
Colour	White
Mounting type	M12
Sizes	55mm × Φ 108.9mm (2.2 "× Φ 4.3")
Net Weight	0.38 kg (0.8 lb)
Gross Weight	0.52 kg (1.1 lb)