IPC-HDW8441XP-3D-0280B

- 4-megapixel IP video kamera with two lenses and counting function of people
- Pixels:2560 × 1440
- Video compression:H. 265; H. 264; H. 264H; H. 264B; MJPEG; BLC; HLC; WDR; 3D NR
- Built-in microphone and speaker
- IR=20m
- F=2.8 mm
- Fixed lens
- IP67

Növ	IP
Megapixel	4 MP
Obyektiv	Sabit
Fokus	2.8
İşıqlandırma	İR
İşıqlandırma məsafəsi	20 m
Qoruma	IP67
Material	Metal

Ətraflı

Model	IPC-HDW8441XP-3D-0280B
Camera	
The matrix	1/2. 8" 4 MP Progressive Scan CMOS
Effective pixels	2560 × 1440
ROM	4 GB
RAM	1 GB
Scanning system	Progressive
Electronic shutter speed	Auto / Manual 1 / 3 seconds– 1 / 100 000 with
Mines. lighting	0.005 Lux at F1. 6 (Color, 30 IRE)

	0.0005 Lux at F1. 6 (B / W, 30 IRE) 0 Lux (IR on)
Signal-To-Noise Ratio	>56 dB
IR distance	20 m (65.62 ft)
IR Control On / Off	Auto
IR LEDs	1
Pan / Tilt / Rotate Range	Slant:-10° to 70°

Lens

Lens Type	Fixed
Mounting type	M12
Focal length	2.8 mm
Max. aperture	F1.6
Viewing angle	Horizontal:95°; Vertical: 52°; Diagonal:114°
IR control	Fixed
Closed focal length	1.1 m (3.61 ft)

DOPE Distance	Lens	Detection	Notification	Speech recognition	Identification
	2.8 mm	63.6 m (126.64 ft)	25.4 m (50.52 ft)	12.7 m (25.26 ft)	6.4 m (12.80 ft)

Smart Events

IVS	Abandoned / Lost items

Professional, intellectual properties

IVS (Perimeter Protection)	Intrusion, stretch, fast movement (three functions support classification and accurate detection of vehicles and people); idler detection, people gathering, and parking detection
Face recognition	Face recognition; Tracking; Snapshot; Image optimization; Uploading the optimal face image; Face enhancement; Face Exposure; Face attribute highlighting, including 6 attributes (gender, age, glasses, facial expression, mask and beard) and 8 expressions (angry, sad, disgusted, scared, surprised, calm, happy, confused); A face snapshot set as a face or one-inch photo; Snapshot strategies (real-time snapshot, quality priority, and optimization snapshot); Face angle filter; Optimization time setting

Counting people	Extended user count, generating and exporting a report (day / week / month / year); Counting people in the area; queue management, generating and exporting a report (day / week / month); You can set 4 rules for tripwire, counting people in the area, and managing queues.
Smart Search	Works together with Smart NVR to perform accurate intelligent search, extract events, and combine them with event videos.
Video	
Video compression	H. 265; H. 264; H. 264H; H. 264B; MJPEG (supported only by an additional stream)
Smart Codec	Smart H.265+; Smart H.264+
Video Frame Rate	Main stream: 2560 × 1440 (1 – 25 / 30 Additional stream:704 × 576 (1-25 fps) / 704 × 480 (1-30 fps) Third stream:1920 × 1080 (1 – 25 / 30 frame / s)
Streaming capabilities	3 streams
Permission	4 M (2560 × 1440); 3 M (2048 × 1536 / 2304 × 1296); 1080p (1920 × 1080); 1.3 M (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–8192 kbps H.265:12 kbps–8192 kbps
Day / Night	Auto (IR) / Color / B / W
BLC	There are
HLC	There are
WDR	120 dB
Scene Self-adaptation (SSA)	There are
White Balance	Auto; Natural Light;Street Lamp; Outdoor; Manual; Regional
Gain control	Auto
Noise reduction	3D NR
Motion Detection	Off / On (4 Zones, Rectangle)
Area of Interest (RoI)	Yes (4 Zones)
Smart Lighting	There are

Prevent fogging	There are
Privacy Mask	4 Zones
Audio	
Built-in microphone	There are
Built-in speaker	There are
Audio compression	PCM; G.711a; G.711Mu; G.726; G.723
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; Fast Movement; Abandoned Object; Missing Object; Slow Motion detection; Gathering People; Parking detection; Scene Change; Sound Detection; Motion Detection voltage monitoring; External alarm; Face detection; In area no.; stay alert; Counting people; Detecting abnormal number of people; Safety exclusion
Network	
Network Port	RJ-45 (10 / 100 / 1000 Base-T)
SDK and API	There are
Cyber Security	Video encryption; Firmware encryption; Configuration encryption; Digest; WSSE; Account lockout; Security Logs; IP/MAC filtering; X. 509 Certificate generation and import; System Log; HTTPS; 802.1 x; Trusted Download; Trusted execution; Reliable Update
Network 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; SNMP
Compatibility	ONVIF (Profile S / Profile G / Profile T); CGI; P2P; Milestone
User / Host	20 (Total throughput:64 MB)
Keeping	FTP; SFTP; Micro SD card (support max. 512 GB); NAS
Browser	IE:IE 9 and later Chrome Firefox Safari:Safari 12 and later
Management software	Smart PSS; DSS; DMSS
Smartphones	iOS; Android
Ports	

RS-485	1 (transmission speed range:1200-115,200 bps)
Audio Input	2 channels (RCA port)
Audio Output	1 channel (RCA port)
Alarm Input	2 channels at the input:5 mA 3-5V DC
Alarm Output	2 channels output:300mA 12VDC

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:UL62368-1 & CAN/ CSA C22. 2 No. 62368-1-14

Environment

Operating temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Operating humidity	≤95 %
Storage temperature	-40 °C to +60 °C (-40 °F to +140 °F)

Electrical properties

Power supply	12 VDC / PoE (802.3af)
Power consumption	Basic information:4W (DC12V); 6.4 W (PoE) Max. (H. 265 + Main stream / IR intensity+IR on): 11.3 W (DC12V); 12.9 W (PoE)

General information

Body	Metal
Colour	White
Sizes	204.0 mm × 78.0 mm × 61.6 mm (8.03" × 3.07" × 2.43")
Net Weight	0.82 kg (1.81 lb)
Gross Weight	1.18 kg (2.60 lb)