Pro AI Series | IPC-DF3549C-ZAS-PV

5MP Smart Hybrid Light Active Deterrence Pro AI Vari-Focal IPC with R&B LED

- 5MP 1/2.7" CMOS Sensor
- Support H.264+, H.265+
- IR distance 40m, Warm light distance 40m
- Perimeter Protection, Face Detection, SMD, Smart Object Detection, People Counting
- Support Built-in Mic & Speaker
- Support Red and Blue LED Alarm, Sound Alarm, Arm and Disarm
- Supports max. 256 G Micro SD card
- 2.7 mm–13.5 mm 5x zoom lens
- 12 VDC/PoE power supply
- IP67, IK10 protection

Camera	
Image Sensor	1/2.7" CMOS
Max. Resolution	5MP, 2880 (H) × 1620 (V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
Min. Illumination	0.001Lux(Illuminator off); 0Lux (Illuminator on)
S/N Ratio	> 56 dB
Illumination Distance	IR distance 40m, Warm light distance 40 m, Red and Blue light
Illuminator Control	Auto; Manual
Lens	
Lens Type	Motorized Vari-Focal
Focal Length	2.7 mm–13.5 mm
Max. Aperture	F1.6
Field of View	Horizontal: 99°–28° Vertical: 71°–21° Diagonal: 134°–35°
Intelligence	
Smart Motion Detection	Yes
Perimeter Protection	Intrusion, Tripwire (Support the classification of Vehicle, Human and Non-Motor)
Face Detection	Yes
People Counting	Yes
Heat Map	Yes
Video Metadata	NA
AI Search	Work together with NVR
Video	

This datasheet is subject to change without prior notice. Please contact us to get the latest datasheet.

Compression	H.264H; H.264M; H.264B; H.265
Smart Compression	H.264H+; H.264M+; H.264B+; H.265+
Video Frame Rate	Main Stream: 5MP (1 fps–25/30 fps)
	Sub Stream: D1 (1 fps–25/30 fps)
	Third Stream: 720P (1 fps–25/30 fps)
Stream Capability	3 Streams
Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: 3 Kbps–20480 Kbps
	H.265: 3 Kbps–20480 Kbps
Day/Night	Color/B/W
BLC	Yes
HLC	Yes
WDR	120 dB
White Balance	Yes
Gain Control	Auto/Manual
Noise Reduction	3D NR
Motion Detection	OFF/ON (4 Areas, rectangular)
Image Rotation	180°
Mirror	Yes
Privacy Masking	4 Areas
Audio	
Built-in Mic	Yes
Built-in Speaker	Yes
Two-way talk	Yes
Audio Compression	G.711a; G.711Mu; G.726; G.726ASF
Alarm	
Arming/Disarming	Yes
Sound Alarm	Yes
Light Alarm	Red and Blue LED
Alarm Event	Disconnection; IP Conflict; No SD Card; Capacity Warning; SD Card Error
Network	
Network	RJ-45 (10/100 Base-T)
SDK and API	Yes
Network Protocol	TCP/IP;UDP;HTTP;IGMP;ICMP;DHCP;RTP/RTSP;DNS;DDNS;FTP;NTP;PPPOE;UPNP;SMTP
Interoperability	ONVIF; CGI; P2P
User/Host	20 (Total bandwidth: 80 M)
Storage	FTP; Micro SD card (support max. 256 G/FAT32)
Browser	IE: IE8 and later; Chrome; Firefox

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Management Software	PC Software(SVMS), APP
Mobile Client	IOS; Android
Port	
Audio Input	NA(1 channel optional)
Audio Output	NA(1 channel optional)
Alarm Input	NA(1 channel optional)
Alarm Output	NA(1 channel optional)
Power	
Power Supply	12V DC (±30%)/PoE (802.3af)
Power Consumption	Basic: 2.8 W; Max. 6.5W
Environment	
Operating Conditions	−30°C to +60°C (−22°F to +140°F)/Less than 95% RH
Storage Conditions	−40°C to +60°C (−40°F to +140°F)
Protection Grade	IP67, IK10
Structure	
Casing	Metal
Dimensions	102 mm × Φ122 mm
Net Weight	520g

Camera Structure and Dimensions