Pro AI Series | IPC-BF2432E-ZAS-S3

4MP Smart Dual Light Active Deterrence Magic Color Pro AI Vari-Focal IPC



- 4MP 1/1.8 CMOS Sensor
- Support H.264+, H.265+
- IR distance 50m, Warm Light distance 50m
- Perimeter Protection, Face Detection, SMD, Smart Object Detection, People Counting, Video Metadata
- Support Built-in Mic & Speaker
- Support Warm Light Alarm, Sound Alarm, Arm and Disarm
- Supports max. 256 G Micro SD card
- 2.8mm-12mm zoom lens
- 12 VDC/PoE power supply
- IP67 protection

Camera	
Image Sensor	1/1.8” CMOS
Max. Resolution	4MP
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
Min. Illumination	0.0005 lux@F1.6 (Color, 30 IRE),0.0004 lux@F1.6 (B/W, 30 IRE),0 lux (Illuminator on)
S/N Ratio	> 56 dB
Illumination Distance	IR distance 50m, Warm Light distance 50m
Illuminator Control	Auto; Manual
Lens	
Lens Type	Motorized Vari-Focal
Focal Length	2.8mm-12mm
Max. Aperture	F1.6(F1.2 Optional)
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	Motor vehicle, non-motor vehicle, face, human detection; For example: Human:Age, Bag, Hat, Pants Color, Pants Type, Gender, Clothing Color, Clothing, Umbrella
AI Search	Work together with NVR
Video	
Compression	H.264H; H.264M; H.264B; H.265
Smart Compression	H.264H+; H.264M+; H.264B+; H.265+
Video Frame Rate	Main Stream: 4MP (1 fps–25/30 fps)

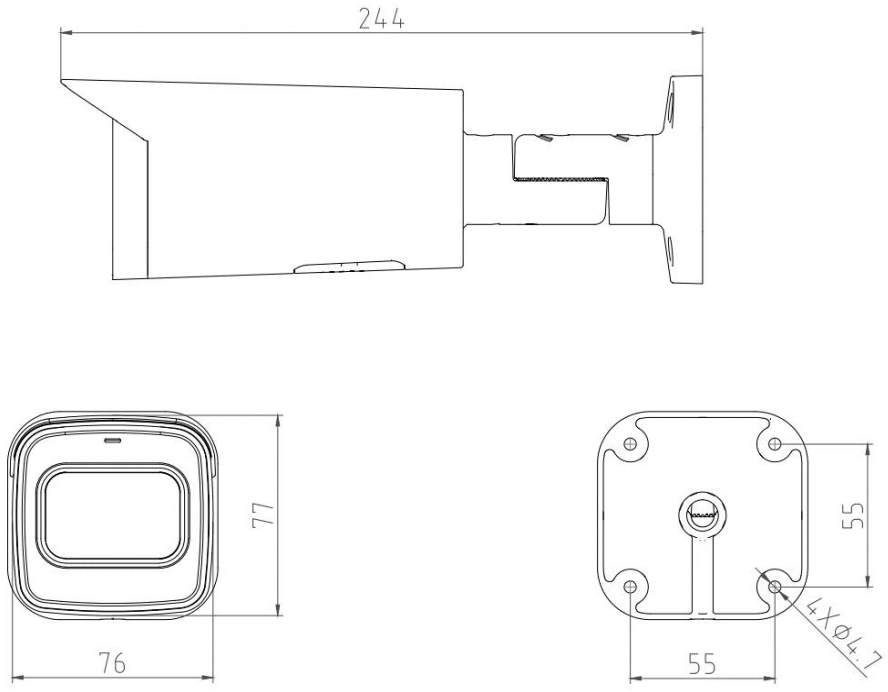
This datasheet is subject to change without prior notice. Please contact us to get the latest datasheet.

	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: 56 Kbps–8192 Kbps
	H.265: 56 Kbps–8192 Kbps
Day/Night	Color/B/W
BLC	Yes
HLC	Yes
WDR	140 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	Yes
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
Management Software	PC Software(SVMS), APP
Mobile Client	IOS; Android
Port	

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

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: 2.5 W; Max: 6.2W
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
Structure	
Casing	Metal
Dimensions	244 mm × 77mm × 76mm
Net Weight	830g

Camera Structure and Dimensions



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