

## 5MP Smart Dual Light Active Deterrence Lite AI Vari-Focal IPC



- 5MP 1/2.7" CMOS Sensor
- Support H.264+, H.265+
- IR distance 40m, Warm light distance 40m
- Support Perimeter Protection, SMD
- Support Built-in Mic & Speaker
- Supports max. 256 G Micro SD card
- 2.7 mm–13.5 zoom lens
- 12 VDC/PoE power supply
- IP67 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	0.006Lux(Illuminator off); 0Lux (Illuminator on)
S/N Ratio	> 56 dB
Illumination Distance	IR distance 40m, Warm light distance 40m
Illuminator Control	Auto; Manual
Lens	
Lens Type	Motorized Vari-Focal
Focal Length	2.7 mm–13.5mm
Max. Aperture	F1.6
Field of View	Horizontal: 99°–28° Vertical: 71°–21° Diagonal: 134°–35°
Iris Type	Auto
Intelligence	
Smart Motion Detection	Yes
Perimeter Protection	Intrusion, Tripwire (Support the classification of Vehicle, Human and Non-Motor)
Face Detection	NA
Object Detection	NA
People Counting	NA
Heat Map	NA
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+

## Lite AI Series | IPC-B2510D-ZAS-L

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	DWDR
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
<b>Audio</b>	
Built-in Mic	Yes
Built-in Speaker	NA(optional)
<b>Alarm</b>	
Arming/Disarming	NA(optional)
Sound Alarm	NA(optional)
Light Alarm	Yes
Alarm Event	Disconnection; IP Conflict; No SD Card; Capacity Warning; SD Card Error
<b>Network</b>	
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(Optional)
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)
Mobile Client	IOS; Android
<b>Port</b>	
Audio Input	NA

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

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Audio Output	NA
Alarm Input	NA
Alarm Output	NA
<b>Power</b>	
Power Supply	12V DC ( $\pm 30\%$ )/PoE (802.3af)
Power Consumption	Basic: 2.8 W; Max. 6.5W
<b>Environment</b>	
Operating Conditions	$-30^{\circ}\text{C}$ to $+60^{\circ}\text{C}$ ( $-22^{\circ}\text{F}$ to $+140^{\circ}\text{F}$ )/Less than 95% RH
Storage Conditions	$-40^{\circ}\text{C}$ to $+60^{\circ}\text{C}$ ( $-40^{\circ}\text{F}$ to $+140^{\circ}\text{F}$ )
Protection Grade	IP67
<b>Structure</b>	
Casing	Metal
Dimensions	238 mm $\times$ 79mm $\times$ 74mm
Net Weight	790g

### Camera Structure and Dimensions

