

VESTA Advanced Video Smart Dual Light Magic Color Active Deterrence 8MP outdoor IP camera



- VESTA Advanced Video Smart Dual Light Magic Color Active Deterrence outdoor IP camera
- 8MP@25fps and H.265
- Smart Dual Light with IR and white light up to 50 m
- Motorized lens 2.8–12 mm
- WDR 140 dB
- SMD, perimeter protection
- Facial recognition, abandoned/lost objects, people counting, queue monitoring, and heat mapping
- Built-in microphone and speaker
- MicroSD slot supporting up to 256 GB
- IP67 protection
- 12V DC or PoE power supply



Reference / Model	IPC-B58-ZAS-PV / IPC-B58-ZAS-PV
Technical Specifications	
8 MP 1/1.8" CMOS sensor with progressive scan	
Maximum resolution: 8 MP (3840x2160)	
Automatic or manual electronic shutter speed from 1/3 s to 1/100,000 s	
Day/night mode in color and black-and-white	
Minimum illumination of 0.0008 lux@F1.6 in color, 0.0004 lux@F1.6 in B/W, and 0 lux with illuminator activated	
Smart Dual Light with IR up to 50 m and white light up to 50 m	
Red and blue LED alarm lights	
Motorized lens Varifocal lens from 2.8 mm to 12 mm	
Maximum aperture F1.6	
Signal-to-noise ratio greater than 56 dB	
Video stream	
H.264H, H.264M, H.264B, and H.265 compression	

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Intelligent compression: H.264H+, H.264M+, H.264B+, and H.265+	
3 streams	
Stream 1: 8MP at 25 fps	
Stream 2: D1@25/30 fps	
Stream 3: 1080P@25/30 fps	
CBR and VBR bitrate control	
Maximum bitrate of 16,384 Kbps in H.264 and H.265	
Functionalities	
Technology Magic Color	
BLC, HLC, 140 dB WDR, and 3D-NR	
White Balance	
Automatic and manual gain control	
Configurable motion detection in 4 zones	
180° image rotation	
Mirror	
Illuminator control in automatic or manual mode	
Armed and disarmed	
Smart features	
SMD Smart Motion Detection	
Perimeter protection with intrusion detection, line crossing, loitering, crowd gathering, and parking	
Classification of people, vehicles, and non-motorized vehicles in intrusion and line-crossing events	
Facial detection with tracking, capture, and capture optimization	
Detection of abandoned and lost objects	
Area-based people counting and queue detection	
Heat map	
AI search in cooperation with NVR	
Active deterrence	

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	Audible alarm
	Visual alarm with red and blue LEDs
Audio	
	Built-in microphone
	Built-in speaker
	Audio compression: G.711a, G.711Mu, G.726, and G.726ASF
Storage	
	FTP
	MicroSD card slot supporting up to 256 GB in FAT32 (card not included)
Alarms	
	Alarm events for disconnection, IP conflict, missing SD card, capacity warning, and SD card error
Network	
	RJ45 10/100 Base-T network interface
	Protocols: TCP/IP, UDP, HTTP, IGMP, ICMP, DHCP, RTP/RTSP, DNS, DDNS, FTP, NTP, PPPoE, UPNP, and SMTP
	Compatible with ONVIF, CGI, and P2P
	SDK and API
	Up to 16 users with a total bandwidth of 80 M
	Compatible with IE8 and later, Chrome, Firefox, and Edge
	VESTA Config Tool software
	VESTA Advanced mobile app
	VSS (VESTA Surveillance Station) platform
Power	
	12 V DC power supply (±30%) or 802.3af PoE
	Basic power consumption of 4 W
	Maximum power consumption of 14 W
Environmental	
	Operating temperature: -30 °C to 60 °C

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Storage temperature: -40 °C to 60 °C	
Relative humidity below 95%	
IP67 protection	
Physical Characteristics	
Metal housing	
Dimensions: 244 x 77 x 76 mm	
Net weight: 840 g	
Contents	
VESTA Advanced Video IP Camera Smart Dual Light Magic Color Active Deterrence IPC-B58-ZAS-PV (IPC-B58-ZAS-PV)	