

IPC-B38-L-MC-PV-V2

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VESTA Advanced Video Magic Color Active Deterrence 8MP IP camera for outdoor use



- VESTA Advanced Video Magic Color Active Deterrence IP camera for outdoor use
- 8MP@25fps and H.265+
- 0.0006 lux, F1.0 in color and warm light, 50 m
- Fixed lens 2.8 mm
- 140 dB WDR and 3D-NR
- SMD, perimeter protection, facial recognition, intelligent object detection, people counting, and heat mapping
- AI search in conjunction with NVR
- Built-in microphone and speaker
- Audible and visual alarm (red and blue)
- MicroSD slot up to 256 GB
- IP67 protection
- 12V DC or PoE power supply



Reference / Model	IPC-B38-L-MC-PV-V2 / IPC-B38-L-MC-PV-V2
Technical Specifications	
8MP 1/1.8" CMOS sensor with progressive scan	
Maximum resolution of 3840 × 2160	
Minimum illumination of 0.0006 lux@F1.0 in color (30 IRE), 0.0004 lux@F1.0 in B/W (30 IRE), and 0 lux with illuminator on	
Warm light up to 50 m	
Automatic or manual illuminator control	
Fixed lens 2.8 mm	
Maximum aperture F1.0	
Video stream	
H.264H, H.264M, H.264B, and H.265 compression	
Smart compression: H.264H+, H.264M+, H.264B+, and H.265+	
3 video streams	
Stream 1: 8MP@1–25 fps	

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Stream 2: D1@1–25/30 fps	
Stream 3: 1080p@1–25/30 fps	
CBR and VBR bitrate control	
H.264 bitrate up to 16,384 Kbps	
H.265 bitrate up to 16,384 Kbps	
Functionalities	
Magic Color technology to optimize the image in low-light conditions	
Day/night mode in color and B/W	
BLC, HLC, 140 dB WDR, and 3D-NR	
White balance	
Automatic and manual gain control	
Configurable motion detection in 4 rectangular zones	
180° image rotation	
Mirror function	
Smart features	
SMD Smart Motion Detection	
Perimeter protection with intrusion detection and line-crossing detection	
Loitering, crowd gathering, and parking detection	
Facial detection with tracking, capture, and capture optimization	
Abandoned Object and Missing Object Detection	
Area People Counting	
Line detection	
Heat map	
AI search in cooperation with NVR	
Active deterrence	
Integrated audible alarm	
Visual alarm via red and blue LEDs	

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	Arming and disarming the alarm
Audio	
	Built-in microphone
	Built-in speaker
	Audio compression: G.711a, G.711Mu, G.726, and G.726ASF
Storage	
	Storage via 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	
	Powered by 12 V DC (±30%) or 802.3af PoE
	Basic power consumption: 2.5 W
	Maximum power consumption: 5.2 W
Environmental	
	Operating temperature: -30°C to +60°C
	Operating relative humidity less than 95%

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Storage temperature: -40°C to +60°C	
IP67 protection	
Physical Characteristics	
Metal housing	
Dimensions: 224 × 77 × 76 mm	
Net weight: 770 g	
Contents	
VESTA Advanced Video Magic Color Active Deterrence 8MP IP Camera IPC-B38-L-MC-PV-V2 (IPC-B38-L-MC-PV-V2)	