

IPC-B34-ZAS-MC-PV-V2

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VESTA Advanced Video Smart Dual Light Magic Color Active Deterrence 4MP IP camera with WideSeek for outdoor use



- VESTA Advanced Video Smart Dual Light Magic Color Active Deterrence IP camera for outdoor use
- 4MP@25/30 fps and H.265
- 0.0005/0.0004 lux, F1.6
- Smart Dual Light with 50 m IR and 50 m white light
- Motorized lens 2.8–12 mm
- WDR 140 dB and 3D-NR
- SMD, perimeter protection, facial detection, people counting, heat map, and video metadata
- WideSeek forensic search by natural description
- Two-way audio
- Audible alarm and red and blue flashing lights
- MicroSD slot up to 256 GB
- IP67 protection
- 12V DC or PoE power supply



Reference / Model	IPC-B34-ZAS-MC-PV-V2 / IPC-B34-ZAS-MC-PV-V2
Technical Specifications	
4 MP 1/1.8" CMOS sensor with progressive scan	
Day/night mode in color and black-and-white	
Minimum illumination of 0.0005 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	
Intelligent compression: H.264H+, H.264M+, H.264B+, and H.265+	
3 streams	

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Stream 1: 4MP@25/30 fps	
Stream 2: D1 @ 25/30 fps	
Stream 3: 720P@25/30 fps	
CBR and VBR bitrate control	
Video bitrate from 56 Kbps to 8192 Kbps in H.264 and H.265	
Functionalities	
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	
4-zone privacy mask	
Illuminator control in automatic or manual mode	
Armed and disarmed	
Smart features	
SMD Smart Motion Detection	
Perimeter protection with intrusion and line-crossing detection	
Classification of people, vehicles, and non-motorized vehicles for intrusion and line-crossing detection	
Facial detection	
People counting	
Heat map	
Intelligent object detection	
Video metadata for vehicles, non-motorized vehicles, faces, and people	
Person metadata including age, bag, hat, pants color and type, gender, clothing color and type, and umbrella	
WideSeek forensic search by natural description: The same search engine is integrated into the video surveillance software (VSS) and the VESTA Advanced app, allowing you to investigate from anywhere	
WideSeek Features	

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	Search by description of a person, vehicle, or any object
	Describe what you're looking for, and WideSeek analyzes the history to find it--no need to remember the date or time
	Filter by characteristics and attributes--starting with color, clothing, or any other feature--to narrow down the search in seconds
	Search directly within existing recordings, without reconfiguring cameras or modifying the installation
	Investigations in minutes: Turn hours of reviewing a timeline into a quick search and a few relevant clips, e.g., "Person wearing glasses and a red T-shirt"
Active Deterrence	
	Audible alarm
	Visual alarm with red and blue LEDs
Audio	
	Built-in microphone
	Built-in speaker
	Two-way audio
	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 20 users with a total bandwidth of 80 M
	Compatible with IE8 and later, Chrome, and Firefox
	VESTA Config Tool software
	VESTA Advanced mobile app

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VSS (VESTA Surveillance Station) Platform	
Power	
12 V DC (±30%) or 802.3af PoE	
Basic power consumption: 2.5 W	
Maximum power consumption: 6.2 W	
Environmental	
Operating temperature: -30 °C to 60 °C	
Storage temperature: -40 °C to 60 °C	
Relative humidity less than 95%	
IP67 protection	
Physical Characteristics	
Metal housing	
Dimensions: 244 x 77 x 76 mm	
Net weight: 830 g	
Contents	
VESTA Advanced Video IP Camera Smart Dual Light Magic Color Active Deterrence IPC-B34-ZAS-MC-PV-V2 (IPC-B34-ZAS-MC-PV-V2)	