

IPC-B34-AS-PV-AIWS

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

4MP

Smart Dual Light

ADVANCED VIDEO

IP67

120 dB WDR

H.265+

PoE

P2P

WideSeek

ONVIF

- VESTA Advanced Video Smart Dual Light Active Deterrence IP camera for outdoor use
- 4MP@25/30 fps and H.265+
- 0.001 lux and Smart Dual Light with 50 m IR and 50 m warm light
- Fixed lens 2.8 mm
- 120 dB WDR and 3D-NR
- SMD, perimeter protection, facial detection, people counting, heat map, intelligent object detection, and video metadata
- WideSeek forensic search via natural language description
- Two-way audio
- Audible alarm and red and blue flashing lights
- MicroSD slot supporting up to 256 GB
- IP67 protection
- 12V DC or PoE power supply



Reference / Model	IPC-B34-AS-PV-AIWS / IPC-B34-AS-PV-AIWS
Technical Specifications	
4MP 1/2.7" CMOS sensor with progressive scan	
Minimum illumination of 0.001 lux with the illuminator off and 0 lux with the illuminator on	
Smart Dual Light with IR up to 50 m and warm light up to 50 m	
Automatic or manual illuminator control	
Fixed lens 2.8 mm	
Maximum aperture F1.6	
Horizontal field of view of 111°	
Vertical field of view of 59°	
Diagonal field of view: 134°	
Video stream	
H.264H, H.264M, H.264B, and H.265 compression	
Smart compression: H.264H+, H.264M+, H.264B+, and H.265+	

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3 video streams	
Stream 1: 4MP@1–25/30 fps	
Stream 2: D1@1–25/30 fps	
Stream 3: 720P@1–25/30 fps	
CBR and VBR bitrate control	
H.264 bitrate from 3 Kbps to 20,480 Kbps	
H.265 bitrate from 3 Kbps to 20,480 Kbps	
Functionalities	
Day/night mode in color and B/W	
BLC, HLC, 120 dB WDR, and 3D-NR	
White balance	
Automatic and manual gain control	
Configurable motion detection in 4 rectangular zones	
180° image rotation	
Mirror function	
4-zone privacy mask	
Smart features	
SMD smart motion detection	
Perimeter protection with intrusion and line-crossing detection	
Classification of people, vehicles, and non-motorized vehicles in perimeter protection	
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 surveillance software (VSS) and the VESTA Advanced app, allowing you to investigate from anywhere	

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WideSeek Features	
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	
Built-in audible alarm	
Visual alarm via red and blue LEDs	
Arming and disarming the alarm	
Audio	
Built-in microphone	
Built-in speaker	
Two-way audio	
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 20 users with a total bandwidth of 80 M	
Compatible with IE8 and later, Chrome, and Firefox	

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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: 2.8 W	
Maximum power consumption: 5.5 W	
Environmental	
Operating temperature: -30°C to +60°C	
Operating relative humidity less than 95%	
Storage temperature: -40°C to +60°C	
IP67 protection	
Physical Characteristics	
Metal housing	
Dimensions: 224 × 77 × 76 mm	
Net weight: 760 g	
Contents	
VESTA Advanced Video Smart Dual Light Active Deterrence 4MP IP Camera IPC-B34-AS-PV-AIWS (IPC-B34-AS-PV-AIWS)	