

IPC-T38L-ZAS-PV-V2-B

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VESTA Advanced Video Smart Dual Light Active Deterrence Lite AI 8MP black outdoor IP dome



- VESTA Advanced Video Smart Dual Light Active Deterrence Lite AI IP dome for outdoor use
- 8MP@20fps and H.265
- 0.007/0.0007 lux, F1.6
- Smart Dual Light with 40 m IR and 40 m white light
- Motorized lens 2.7–13.5 mm
- WDR 120 dB and 3D-NR
- SMD and perimeter protection
- Two-way audio
- Audible and visual red and blue alarms
- MicroSD slot up to 256 GB
- IP67 protection
- 12V DC or PoE power supply



Reference / Model	IPC-T38L-ZAS-PV-V2-B / IPC-T38L-ZAS-PV-V2-B
Technical Specifications	
8 MP 1/2.7" 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 0.007 lux in color, 0.0007 lux in black-and-white, and 0 lux with illuminator activated	
Smart Dual Light with IR up to 40 m and white light up to 40 m	
Red and blue LED alarm lights	
Motorized lens Varifocal lens from 2.7 mm to 13.5 mm	
Maximum aperture F1.6	
Field of view: 109° to 30° horizontal, 56° to 17° vertical, and 131° to 35° diagonal	
Signal-to-noise ratio greater than 56 dB	
Video stream	

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	H.264H, H.264M, H.264B, and H.265 compression
	Intelligent compression: H.264H+, H.264M+, H.264B+, and H.265+
	3 streams
	Stream 1: 8MP@20 fps
	Stream 2: D1@25/30 fps
	Stream 3: 720P@25/30 fps
	CBR and VBR bitrate control
	Video bitrate from 3 Kbps to 20,480 Kbps in H.264 and H.265
Functionalities	
	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
	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 in intrusion and line-crossing events
	AI search in conjunction with NVR
Active deterrence	
	Audible alarm
	Visual alarm with red and blue LEDs
Audio	

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	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
	VSS (VESTA Surveillance Station) Platform
Power	
	12 V DC ($\pm 30\%$) 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%

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IP67 protection	
Physical Characteristics	
Black metal housing	
Dimensions: 110 x Ø122 mm	
Net weight: 670 g	
Contents	
VESTA Advanced Video IP Dome Smart Dual Light Active Deterrence Lite AI, Black, IPC-T38L-ZAS-PV-V2-B (IPC-T38L-ZAS-PV-V2-B)	