

IPC-T54-ZAS-PV

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VESTA Advanced Video Smart Dual Light Magic Color Active Deterrence 4MP outdoor IP dome



- VESTA Advanced Video Smart Dual Light Magic Color Active Deterrence IP dome for outdoor use
- 4MP@25/30 fps and H.265
- Smart Dual Light with 40 m IR and 40 m white light
- Motorized lens 2.8–12 mm
- WDR 140 dB
- SMD and perimeter protection
- Facial recognition, people counting, and heat map
- Two-way audio
- MicroSD slot up to 256 GB
- IP67 protection
- 12V DC or PoE power supply



Reference / Model	IPC-T54-ZAS-PV / IPC-T54-ZAS-PV
Technical Specifications	
4 MP 1/1.8" CMOS sensor with progressive scan	
Maximum resolution: 4 MP (2688x1520)	
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: 0.0006 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 40 m and white light up to 40 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: 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	
Technology Magic Color	
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	
AI search in conjunction with NVR	

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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	
VSS (VESTA Surveillance Station) Platform	
Power	
12 V DC (±30%) or 802.3af PoE	
Basic power consumption of 2.5 W	
Maximum power consumption: 6.2 W	

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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: 110 x Ø122 mm	
Net weight: 640 g	
Contents	
VESTA Advanced Video IP Dome Smart Dual Light Magic Color Active Deterrence IPC-T54-ZAS-PV (IPC-T54-ZAS-PV)	