

IPC-D74-ZAS-IL-AIWS

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



- VESTA Advanced Video Smart Dual Light Magic Color Active Deterrence Ultra AI IP dome for outdoor use
- 4MP@25/30fps H.265
- Smart Dual Light with IR and white light up to 40 m
- Lens 2.8–12 mm
- WDR 140 dB
- SMD, perimeter protection
- Facial recognition, parking space detection, and object detection
- People counting, metadata, and heat map
- Includes microphone and speaker
- 1 alarm input / 1 alarm output
- MicroSD slot up to 256 GB
- IP67 and IK10 protection
- 12V DC or PoE power supply



Reference / Model	IPC-D74-ZAS-IL-AIWS / IPC-D74-ZAS-IL-AIWS
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	
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+	

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3 streams	
Stream 1: 4MP@25/30 fps	
Stream 2: D1@25/30 fps	
Stream 3: 1080P@25/30 fps	
CBR and VBR bitrate control	
Maximum bitrate of 16,384 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 detection, line crossing, loitering, crowd gathering, and parking detection	
Facial detection with tracking, capture, and capture optimization	
Parking Space Detection	
Abandoned and Lost Object Detection	
People counting in a designated area with export of daily, weekly, and monthly reports	
Heat map	
Video metadata for vehicles, non-motorized vehicles, faces, and human bodies	
Collection of attributes for vehicles, non-motorized vehicles, human bodies, and faces	

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	AI search in conjunction with NVR
Active deterrence	
	Audible Alarm
	Visual alarm using white light
Audio	
	Built-in microphone
	Built-in speaker
	Two-way audio
	1 audio input via RCA connector
	1 audio output via RCA connector
	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	
	1 alarm input
	1 alarm output
	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 below 95%	
IP67 and IK10 protection	
Physical Characteristics	
Metal housing	
Dimensions: 102 x Ø122 mm	
Net weight: 520 g	
Contents	
VESTA Advanced Video IP Dome Smart Dual Light Magic Color Active Deterrence Ultra AI IPC-D74-ZAS-IL-AIWS (IPC-D74-ZAS-IL-AIWS)	