3" Full-Colour Active Deterrent AI Mini PTZ Camera

CODE: PTZVIP-AD3-4X

IP

4 MP

NDAA Compliant

People & Vehicle Detection

Full Colour on Detection

White Light & IR

Light & Siren Warning

Camera

Image Sensor	1/2.7" CMOS
Video Compression	H.265+ / H.265 / H.264+ / H.264
Resolution	4MP, 2MP (1 to 25fps)
Minimum Illumination	**Colour:** 0.01 lux at F1.6 (AGC on); **B/W:** 0.002 lux at F1.6 (AGC on); 0 lux with IR or LED
Light Range	30m
Lens Focus Length	2.8mm to 12mm
Optical Zoom	4x
Field of View	**Horizontal:** 97° to 31° **Vertical:** 51° to 18° **Diagonal:** 115° to 36°
Pan Speed	0.1° to 80°/s (Preset Speed: 80°/s)
Tilt Speed	0.1° to 60°/s (Preset Speed: 60°/s)
Pan Range	0° to 355°
Tilt Range	10° to 90° (Auto-Flip)
S/N Ratio	≥52dB
Image Correction	BLC, HLC, WDR, 3D DNR

Detect	2.8mm (Min.)	68m (223ft.)
	12mm (Max.)	206.7m (678.1ft.)
Observe	2.8mm (Min.)	27.1m (88.9ft.)
	12mm (Max.)	82m (269ft.)
Recognise	2.8mm (Min.)	13.6m (44.6ft.)
	12mm (Max.)	41.3m (135.5ft.)
Identify	2.8mm (Min.)	6.8m (22.3ft.)
	12mm (Max.)	20.7m (68ft.)

Interfaces

Network	RJ45 (PoE+ Support)
Audio	1CH audio input & output; 1CH built-in microphone (8m range); 2.5W speaker (30m range); Audio device switch
Alarm	1CH alarm input (dry-contact); 1CH alarm output
Storage	Micro SD card slot (supports up to 256GB)
Reset Button	Yes

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Functions

Heater	Built-In Temperature Sensor; Auto-Shutdown on Overheat
Water-Removal	Dust & Water Resistant Lens Cover
Remote Monitoring	SuperLive Plus Mobile App / NVMS (used with Viper NVR)
Network Protocol	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP,DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP,DHCP, PPPoE
Interface Protocol	ONVIF
AI Events	Auto-Tracking, Line Crossing Detection, Region Intrusion Detection (People & Vehicle), Face Detection & Capture, Road Traffic Detection
Active Deterrent	Sound & Light Warning

Parameters & Dimensions

Power Supply	DC12V / PoE+
Power Consumption	< 20.2W
Operating Environment	Temperature: -40°C to +70°C; Humidity: Less than 90% (non-condensing)
Storage Environment	Temperature: -40°C to +70°C; Humidity: Less than 95% (non-condensing)
Dimensions	Ø130mm x 162mm
Weight	1.2kg
Protection Grade	IP66, IK10 (Excluding Glass Window) and 6000V Lighting Protection
Certificate	UKCA, CE, FCC, PSTI 2023, RoHS, WEEE, REACH (EC1907/2006)

Compatible Accessories

Wall Mount Bracket
CODE: PTZVIP-MINI-WALL

Corner Mount Bracket-
CODE: PTZVIP-IR5-CORNER

Pole Mount Bracket
CODE: PTZVIP-IR5-POLE

Wall Bracket (use with Pole Bracket)
CODE: PTZVIP-IR5-ARM

PTZ Network Keyboard
CODE: VIP-IPKEYBOARD-S2