VIPER

5" AI Auto Tracking PTZ Camera
CODE: PTZVIP-5-4K-32X

IP

8 MP 4K

NDAA Compliant

VSA People & Vehicle

Deep-Learning AI Features

200m IR Range

Triple Stream Support

Camera

Image Sensor	1/2.8" CMOS
Video Compression	H.265+ / H.265 / H.264+ / H.264
Resolution	8MP, 4MP, 2MP (1 to 25fps)
Minimum Illumination	0.01 lux at F1.2 (AGC on); 0.02 lux at F1.2 (AGC on); 0 lux with IR or LED
IR Range	200m
Lens Focus Length	4.8mm to 154mm
Optical Zoom	32x
Field of View	**Horizontal:** 61.3° to 2.18° **Vertical:** 36.9° to 1.22° **Diagonal:** 68.4° to 2.5°
Pan & Tilt Speed	0.5° to 120°/s (Preset Speed: 150°/s)
Pan Range	360°
Tilt Range	-5° to 90° (Auto-Flip)
S/N Ratio	≥52dB
Image Correction	BLC, HLC, WDR, 3D DNR

Interfaces

Detect	4.8mm (Min.)	138m (453.5ft.)
	154mm (Max.)	3528m (11575 ft.)
Observe	4.8mm (Min.)	54.76m (179.66ft.)
	154mm (Max.)	1400m (4593 ft.)
Recognise	4.8mm (Min.)	27.7m (90.7 ft.)
	154mm (Max.)	700m (2296ft.)
Identify	4.8mm (Min.)	13.8m (45.35ft.)
	154mm (Max.)	350m (1148ft.)

Interfaces

Network	RJ45 (PoE++ Support)
Audio	1CH audio input & output; 1CH built-in microphone
Storage	Micro SD card slot (supports up to 256GB)
Reset Button	Yes

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⚙ Functions (continued)

Heater	Yes
Fan	Yes
Water-Removal	Hot Air Frost & Ice Removal
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, DHCP, PPPoE
Interface Protocol	ONVIF, API & SDK
AI Events	Auto-Tracking, Line Crossing Detection, Exception Detection, Road Traffic Tracking, Region Intrusion Detection (People & Vehicle), Face Detection & Capture

⚖ Parameters & Dimensions

Power Supply	DC24V / AC24V / PoE++
Power Consumption	< 34W
Operating Environment	Temperature: -40°C to +65°C; Humidity: Less than 90% (non-condensing)
Storage Environment	Temperature: -40°C to +70°C; Humidity: Less than 95% (non-condensing)
Dimensions	Ø196mm x 317mm
Weight	3.7kg
Protection Grade	IP66, IK10 (Excluding Glass Window) and 6000V Lighting Protection
Certificate	UKCA, CE, FCC, PSTI 2023, RoHS, WEEE, REACH (EC1907/2006)

➕ Compatible Accessories

Ceiling Mount Bracket
CODE: PTZVIP-IR5-CEILING

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