



Fixed Night Vision Turret Camera with AI ISP Technology

CODE: TURVIP-4KC4-FW

IP

8MP
4K

NDA
Compliant



People &
Vehicle Detection



AI Colour
Reproduction



Night Vision
Technology



Built-In
Microphone

Camera

Image Sensor	1/1.8" CMOS
Video Compression	H.265+ / H.265 / H.264+ / H.264
Resolution	8MP (1 to 20fps), 6MP, 4MP, 2K, 2MP (1 to 25fps)
Electronic Shutter	1/3s to 1/100,000s; Auto or Manual
Minimum Illumination	0.0005 lux at F1.0 (AGC on); 0 lux with LED
White Light Distance	20m
AI ISP Technology	Night Vision with White Light Off
Lens	2.8mm
Field of View	Horizontal: 110° Vertical: 59° Diagonal: 129°
Focus	Fixed
Image Correction	BLC, HLC, Digital NR
Electronic Image Stabilisation	Supported
S/N Ratio	≥50dB
Detect	76m (249ft.)
Observe	30m (98ft.)
Recognise	15m (49ft.)
Identify	7m (23ft.)

Interfaces

Network	RJ45
Audio	1CH audio input; 1CH built-in microphone
Storage	Micro SD card slot (supports up to 1TB)
Reset Button	Yes

Functions

Remote Monitoring	SuperLive Plus Mobile App / NVMS (used with Viper NVR)
Online Connection	Simultaneous multi-stream real time transmission
Maximum Users for Monitoring	Up to 6 users (simultaneous)
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, RTMP, FTP, PPPoE, DDNS, SMTP, SNMP, HTTP, 802.1x, UPnP, HTTPS, HTTP POST, P2P, QoS
Interface Protocol	ONVIF
API & SDK	Supported



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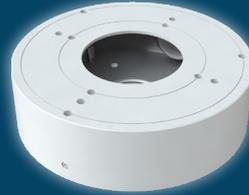
IP

8^{4K}
MP

Functions (continued)

Alarm Events	Smart Video Motion Detection, Video Exception, SD Card Error, SD Card Full
AI Events	Line Crossing Detection, Region Intrusion Detection (People & Vehicle), Video Abnormality, Face Detection & Capture, Target Counting, Abandoned/Missing Object Detection
Additional Functions	Watermark, Video Mask, Heartbeat, Corridor Mode, Image Distortion Correction, ANR

Compatible Accessories



Cable Management Ring
CODE: VIP-RING-04-WH



Wall Bracket
CODE: VIP-WALL-BK0203-W

Parameters & Dimensions

Power Supply	DC12V / PoE
PoE	IEEE802.3af
Power Consumption	< 7.5W
Operating Environment	Temperature: -30°C to +60°C; Humidity: Less than 95% (non-condensing)
Storage Environment	Temperature: -30°C to +65°C; Humidity: Less than 95% (non-condensing)
Dimensions	Ø111.6mm x 99.6mm
Weight	0.625kg
Installation	Ceiling or wall mounted
Protection Grade	IP67
Certificate	UKCA, CE, FCC, PSTI 2023, RoHS, WEEE, REACH (EC1907/2006)