

5MP AI IP Turret Camera

The Akuvox VC50T is a 5MP turret IP camera with a 1/2.8" Sony STARVIS back-illuminated CMOS sensor, H.265/H.264 compression, smart human analytics, WDR, POE, ONVIF support and IP67 metal housing for reliable all-day security monitoring.



Specifications

Physical & Power

Housing	Metal, IP67
Dimension	Φ125 x 90.2(H) mm
Weight	508g
Working Temperature	-20°C ~ +60°C
PoE	Internal, IEEE 802.3af
Working Humidity	RH95% Max
Power	DC 12V±10%, 700mA
Storage Temperature	-20°C ~ +60°C

Camera

Image Sensor	1/2.8" Sony Starvis BSI CMOS
Resolution	5MP
Effective Pixels	2616(H)x1964(V)
Electronic Shutter	Auto, 1/25-1/100000s
Min. Illumination	0.003 Lux(F1.6, AGC ON)
S/N	60dB
Scanning System	Progressive
IR Cut Filter	Support

Interface & Storage

Reset Button	Support
Ethernet	1xRJ45, 10/100Mbps adaptive
Video Output	Network
SD Card	External slot, max 512GB

Lens & Illumination

Lens	2.8 mm fixed-focal lens
Field of view	96° (H), 72° (V), 124° (D)
Aperture	F1.6
IR illumination	up to 40 m
White light illumination	up to 30 m

Video & Audio

Compression	H.264/H.265
Audio Compression	G711A/U, AAC
Microphone	Built-in
Speaker	Built-in
Streams	Main/Sub streams

AI Function

Intrusion Detection	Human/Vehicle
Line Crossing Detection	Human/Vehicle

Networking & Protocol

RTSP	Support
ONVIF	Support

Camera Feature

Day/Night	Color / B&W(IR-CUT)
WDR	120dB
Image	Saturation, brightness, contrast, sharpness
Video	mirror, 3D NR, white balance, anti-flicker
Video tampering	Support
Scene change	Support
Motion Detection	Support