

Akuvox VC50B

The Akuvox VC50B is a 5MP bullet 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.



Dual Light



IP67



Human/
Vehicle Detection



PoE

Key Benefits

5MP resolution with

1/2.8" Sony STARVIS BSI CMOS sensor

H.265/H.264 compression, main stream up to 2592x1944@25fps.

Fixed 2.8 mm lens, up to 124° diagonal FOV

Full-color mode with IR and warm light supplemental illumination.

Smart human detection for perimeter events

ONVIF and RTSP support.

PoE (IEEE 802.3af) and DC 12V power input

Metal IP67 housing for outdoor environments.

External SD card slot up to 512GB

Specifications

Physical & Power

Housing	Metal, IP67
Dimension	70(W) x 67.5(H) x 169(L)mm
Weight	423g
Working Temperature	-30°C ~ +60°C
PoE	Internal, IEEE 802.3af
Working Humidity	RH95% Max
Power	DC 12V±10%, 700mA
Storage Temperature	-30°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

Specifications

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

Interface & Storage

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