Network Camera

TV-8438B

Description

This product is a 4MP infrared network high-definition camera, integrated with a high-performance low-light CMOS sensor, supports H.265/H.264 encoding, and provides high-definition video surveillance. It has infrared fill light , up to 25 meters at night, supports human/vehicle detection, cross-border detection, regional intrusion detection, digital wide dynamic, privacy shielding and other functions to ensure clear imaging in complex environments. It is widely used in indoor and outdoor security monitoring places such as residential areas, factories, schools, and shopping malls, providing all-weather intelligent security solutions.

Features

*Adopting 1/3.0" low-light CMOS sensor, the image is clear and delicate.
*4MP; maximum 2560×1440@30fps.
*Automatic electronic shutter, adaptable to different monitoring environments.
*Brightness, contrast, saturation and sharpness are adjustable.
*DWDR, 2D/3D NR, AWB/Manual White Balance.
*Supports flip/mirror.
*Built-in microphone.
*H.265/ H.264 video encoding.
*Supports pedestrian/vehicle type detection, cross-border detection, and area intrusion detection.
*Supports information overlay (such as title, time, date information, etc.).
*Supports privacy masking, up to 4 areas.
*Supports Onvif and GB28181-2016 protocols.
*Supports POE power supply; IP66 protection level.

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Specification

Sensor type	1/3" CMOS
Sensor type	4MP; maximum 2560×1440@30fps
Minimum illumination	Color: 0.05Lux @(F1.2,AGC ON); 0 Lux fill light on
Shutter	1/3 sec to 1/10,0000 sec
Lenses type	Fixed focal length lens
Day and night mode	Passive method
Wide dynamic range	Digital wide dynamic range
Lens focal length	8mm
Lens aperture	F2.0
Horizontal angle of view	37°
Vertical viewing angle of the lens	20°
Lens focus angle	43°
Image maximum image size	Main stream: 2880 × 1620, 2560 × 1440, 1920 × 1080; Sub stream: 704 × 576, 640 × 480, 352 × 288
Image frame rate	PAL/NTSC:2560×1440@25fps; 2560×1440@30fps
Image settings	Saturation, brightness, sharpness and contrast adjustable
Image mode	Normal Mode
Audio input	Built-in microphone
Audio sampling frequency/bit width	8KHz/16bit
Compression standards	H.265/H.264 video coding compression
Compression output bit rate	0.32Mbps~6.144k Mbps
Audio compression standards	G.711U/G.711A
Storage function	Network storage, NVR
Compatible protocols	Support HTTP, FTP, TCP/IP, IPv4, DHCP, NTP, RTSP, QOS and other network protocols; support ONVIF Profile SG standard protocol, realize docking with mainstream brand NVR back-end private protocol, support GB\T28181 national standard protocol
Event	Motion Detection
Smart events	Support pedestrian crossing detection and area intrusion detection; support vehicle crossing detection and area intrusion detection
Communication interface	110/100Mbps RJ45 network port
Power interface	5.5mm×2.5mm standard input
Operating temperature	-20℃- + 50℃
Operating humidity	10%-90% RH
Power supply	DC12V ±20%/ PoE(802.3af)
Infrared light	Equipped with 3 white light LEDs, providing illumination up to a distance of 25 meters
Power consumption	6W
Material	Metal
Dimensions	φ121.5×96.5 (mm)
Weight	0.62Kg