ANVIZ
Secure Workplace, Simplify Management

Onvif

iCam-B38Z

8MP AI IR Outdoor Bullet Network Camera

Wi-Fi	PoE	4G	IR	IP66	SD Card	Cloud	Edge AI	8MP	Audio

Person Detection

Vehicle Detection

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◼ Specifications

Model	iCam-B38Z	iCam-B38ZW (WIFI Model-Coming Soon)	iCam-B38ZG (4G Model-Coming Soon)
Camera			
Image Sensor	1/1.8" 8 Megapixel Progressive Scan CMOS		
Max. Resolution	3840(H)x2160(V)		
Shutter Time	1/12s ~ 1/10000s		
Minimum Illumination	Color: 0.005Lux @(F1.2,AGC ON) B/W: 0Lux @(IR LED ON)		
Day/Night	IR-CUT with Auto Switch/Scheduled		
WDR	HDR		
BLC	Support		
Lens			
Mount Type	Fixed M12		
Focal Length	3.6mm-10mm (0.14-0.39") zoom lens with DC-IRIS		
Aperture	F1.5(W)~F2.8(T)		
FOV	99°~42°(H)		
Iris Type	DC-IRIS		
Illuminator			
IR Range	Up to 50m (1968.5")		
Wavelength	850 nm		
Audio			
Audio Compression	G.711, G.726, AAC-LC		
Audio Type	Mono		
Audio Capability	Environmental Noise Filter, Echo Cancellation, Two-way Audio		
Video			
Video Compression	H.264, H.265		
Video Bit Rate	512kbps ~ 16mbps		
Resolution	Main Stream (3840*2160, 2560*1440, 1920*1080, 1280*720) Sub Stream (1920*1080, 1280*720, 704*576, 640*480) Third Stream (1280*720, 704*576, 640*480)		
Region of Interest (ROI)	4 Fixed Regions for Each Stream; Target Cropping of Third Stream		
Image			
Image Setting	Saturation, Brightness, Contrast, Sharpness, Auto white balance		
Image Enhancement	Lens Distortion Correction, Defog, 2D/3D DNR		
S/N Ratio	39dB		
Dynamic Range	>74dB		
Others	OSD, Image Flip,Picture Overlay		
Smart Events			
Video Analytics	Defocus Detection, Scene Change Detection,Occlusion Detection		
Smart Events	Intrusion Detection，Line Crossing Detection，Region Entrance Detection，Region Exiting Detection，Loitering Detection		
Deep Learning Events	Vehicle Detection，Face & Pedestrian Detection		
Network			
Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP,PPPoE,NTP,UPnP,SMTP,SNMP,IGMP,IPv4,IPv6		
Compatibility	ONVIF, GB28181, CGI API		
Management	IntelliSight cloud, IntelliSight mobile		
4G			
Frequency	/	/	TE-TDD: Band34/38/39/40/41; LTE-FDD:Band1/2/3/4/5/7/8/12/13/18/19/20/25/26/28/66; GSM: 850MHz/ 900MHz/ 1800MHz/ 1900MHz WCDMA: Band1/2/4/5/6/8/19
Standard	/	/	LTE-TDD , LTE-FDD,GSM, WCDMA
Interface			
Ethernet	1 RJ45 (10/100/1000Mbps)		
Wi-Fi	/	IEEE 802.11 b/g/n	/
Storage	Built-in MicroSD/SDHC/SDXC Slot, up to 128 GB		
Alarm	1 input, 1 output		
Audio	External 1 line in, External 1 line out		
Key	Reset Button		
General			
Power Supply	DC12V 1A/POE (IEEE 802.3af)		
Power Consumption	<12W		
Operating Conditions	-30°C to 60°C (-22°F to 140°F), Humidity: 10% to 90% (No Condensation)		
Weather Proof	IP66		
Certifications	CE, FCC, RoHS		
Net Weight	2.8KGS		
Dimensions	Φ120*303mm (Φ4.72*11.93")		

iCam-B38Z

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◼ Introduction

iCam-B38Z is an outdoor bullet camera with 8MP/4K Ultra HD resolution and stylish design. The perfect combination of Intelligent Infrared and day/night function greatly improve the visibility effect in the dark and low-light environments. The 3X motorized lens can clearly auto adjust the images within 50 meters range. The IP66 design ensures you the flexbile installation in the outdoor environment. The iCam-B3 series supports standard H.264/H.265 and also the stanard onvif protocol. The optional WiFi Model(-W) or 4G Model(-G) offers wireless communication and easily setup. The edge storage SD card slot can support up to 128GB micro SD card. The device has built-in person detection and vehicle detection functions and you can easily get event alarm from the Intellisight mobile APP.

◼ Features

Smart Events
Provide accuracy alarms compared with traditional motion alarms to reduce manual supervision, by edge AI engine, include: Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Loitering Detection.

High Definition up to 8MP
8MP/4K high resolution brings more detailed images of person, faces, and more.

Edge Deep Learning Engine
Based on edge deep learning AI engine, camera provides multiple rules to detect Vehicle, Face, Pedestrian. Face Recognition and License Plate Recognition make a powerful AI camera for access management.
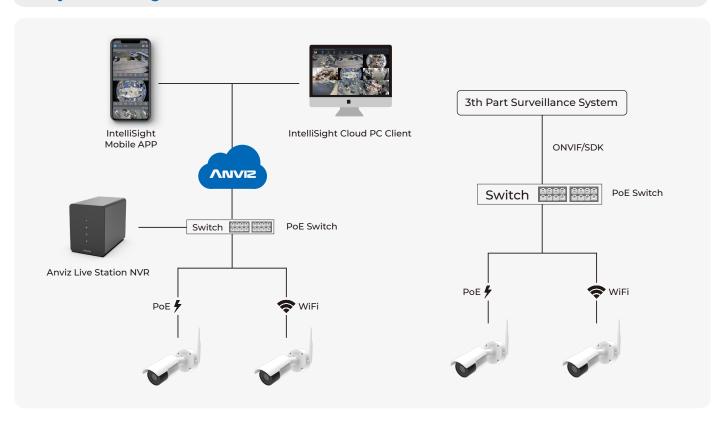
True Day/Night
The perfect combination of infrared LEDs and automatic IR cut filter, greatly improve the visibility in dark and low light environment.

IP66 Design
The IP66 design ensures the terminal can be installed at fully outdoor environment.

Dual Way Audio
Two-way audio makes realize intercom easily with extenal line in and line out devices.

◼ System Configurations

IntelliSight Mobile APP

IntelliSight Cloud PC Client

Anviz Live Station NVR

Switch — PoE Switch

PoE

WiFi

3th Part Surveillance System

ONVIF/SDK

Switch — PoE Switch

PoE

WiFi

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