

**ANVIZ**



**2022**

# Smart Surveillance Management Platform

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**Intelligent Surveillance Products and Solutions**



**Access Control & Time and Attendance Solutions**

**20 Years +**  
Experiences

**100+**  
Countries

**200,000+**  
Projects

**200+**  
Intellectual Property

**BioNANO**  
Core Algorithm

**RVI™**  
Video Intelligence Analysis

**Cloud**  
Anviz Open Cloud Platform

**ACP™**  
Anviz Secure Control Protocol



**China Office**

Global R&D Center &  
Operation Center



**USA Office**

Sales & Operation &  
Customer Service Center



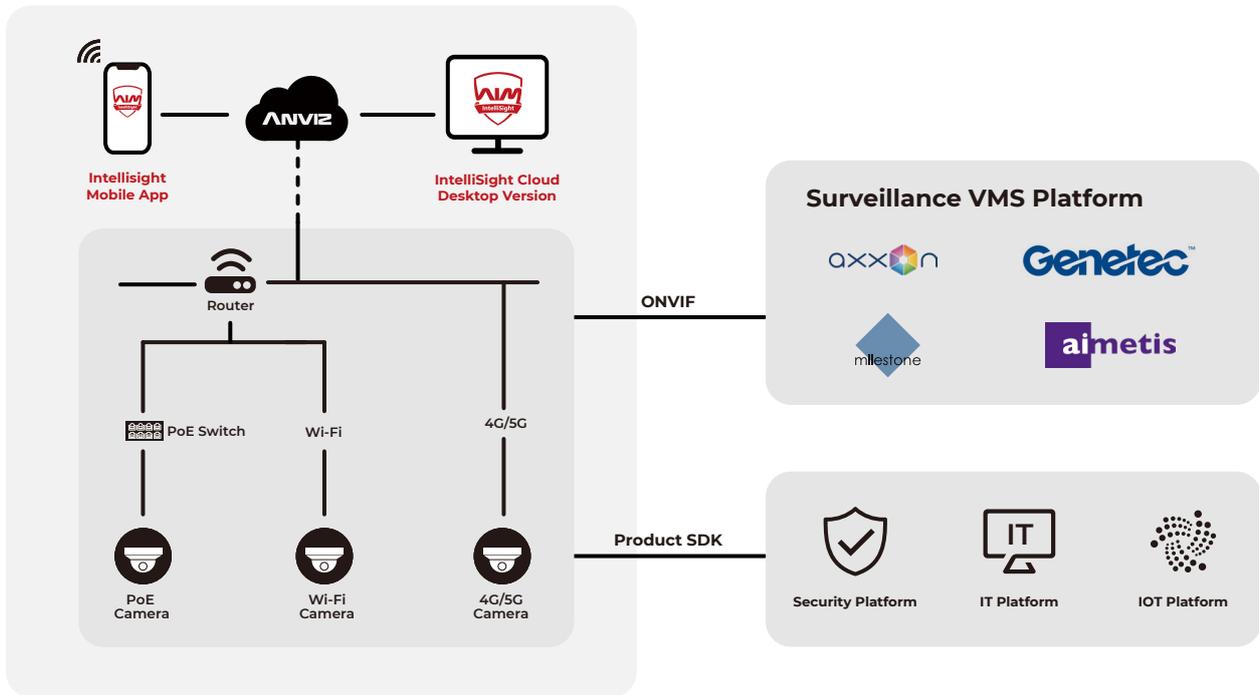
**Manufacturing Base**

50,000 Square Meters  
2,000,000 Units Capacity Annually

## System Introduction

IntelliSight is a complete video management solution providing users with convenient, intelligent, real-time, and secure surveillance system services. The system consists of edge AI camera, NVR, Cloud Server, Desktop Management Station and Mobile APP. IntelliSight is the best choices for small and medium office buildings, retail shops, supermarkets, schools and other private and public area.

## System Configurations



## IntelliSight Desktop

The desktop interface shows a multi-camera view of a store interior. The interface includes a top navigation bar with icons for Home, Playback, Map, Search, and Settings. The main area displays a grid of camera feeds, including a large main feed and several smaller sub-feeds. The interface is designed for easy navigation and monitoring.

- Cloud platform allows you remote access and manage the system anytime at anywhere
- Auto find and quick add the terminal and quickly share to the sub account
- Flexible Recording by full time, event triggering and customized record
- E-map function and automatically pop out for all emergency events
- AI event management for person security control, and vehicle security control
- Multiple channel preview, main stream and substream one click switching

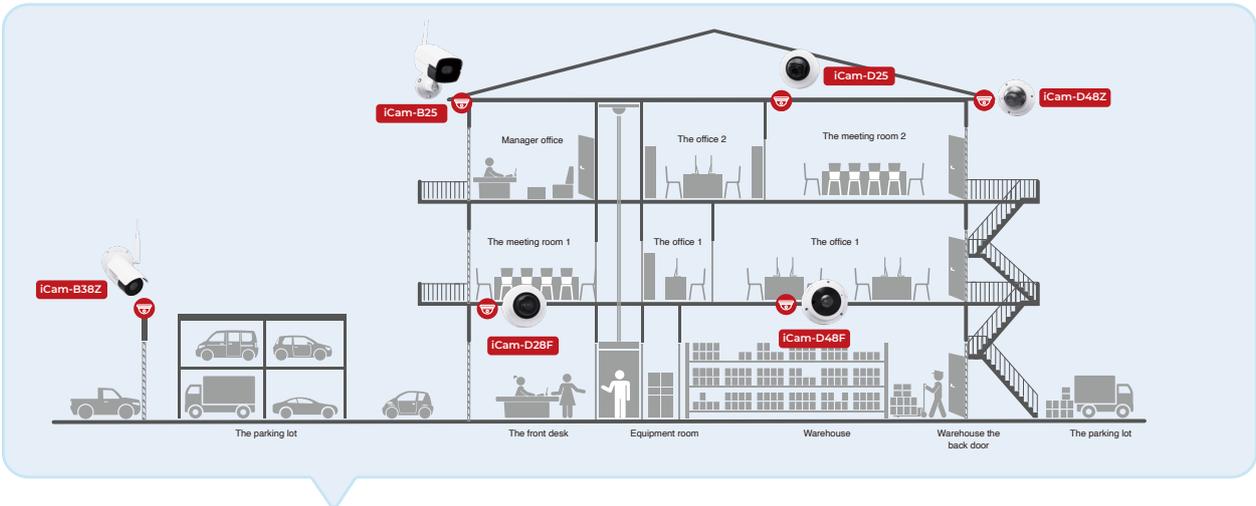


## IntelliSight Mobile APP

The mobile app interface shows a multi-camera view of a store interior, similar to the desktop version. The interface is optimized for a mobile screen, with a top navigation bar and a main area displaying a grid of camera feeds. The interface is designed for easy navigation and monitoring on a mobile device.

- Multiple Sites Management in one APP
- Multiple Channels Preview
- Favorite List
- Quick add device by scanning QR code
- Smart Event Management
- Playback by easily moving fingertip

# System Application



## RVI Core Technology-RVI

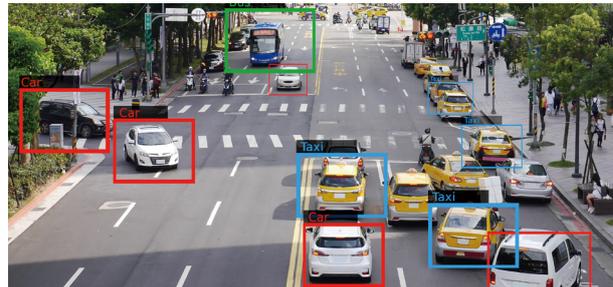
Real-time video stream analysis is a comprehensive intelligent algorithm based on front-end real-time video streaming. Widely used in Anviz camera and NVR products.

### 1. Anviz AI Analysis Technology

Anviz AI analysis technology can reach up to 200 objects detection and analysis, including face recognition and analysis with age range, gender, colors of clothes, vehicle detection with vehicle type, colors, vehicle brand, and license plate numbers. The AI analysis technology can also realize regional intruder alarm, abnormal sound alarm, item moving and left behind alarm, and other customized smart applications.



Face & Person Detection



Vehicle Detection & LNPR

### 2. Video Optimization Technology

#### True WDR



BLC

Anviz WDR-140DB

Without BLC & WDR

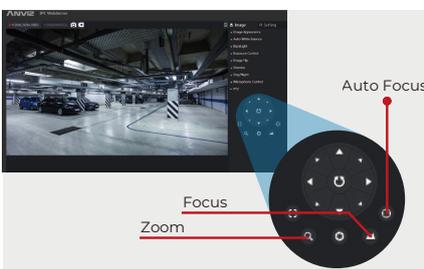
#### Starlight



Without Starlight

Anviz Starlight Camera-0.001Lux

#### Auto Back Focusing



#### Anviz Smart Stream

- 103kbps Anviz Smart Stream
- 680kbps H.265+
- 3980kbps H.264

\* A standard 2M IP camera 24 hours live storage  
 \* Anviz Smart Stream saving up to 80% storage cost

### UltraHD-4K Panorama View



### WiFi 6 Compliant



Up to 70% Installation Cost Saving

Up to 50 Meters Stable Data Transmission

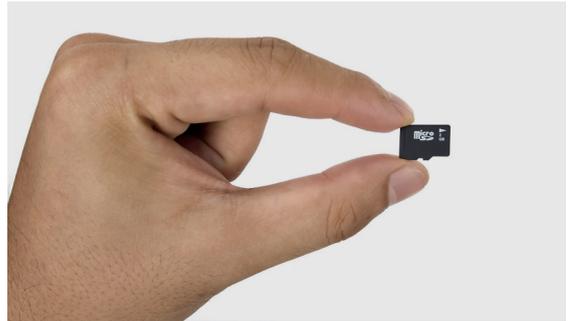
### 5G

The Anviz 5G technology could provide fastest linkage and data transaction with lower latency and higher bandwidth.



### SD Card

Edge Storage: Every Anviz Camera Supports Edge SD card storage and could saving more than 70% local storage cost together with Anviz Smart Stream Technology.



## Platform Application Technology

### 1.Cyber Security (ACP protocol)

ACP is the unique encryption and internet transmission protocol customized for its biometric devices, CCTV devices and smart home devices based on AES256 and HTTPS protocol. ACP protocol can realize 3 functions of interworking broadcast, protocol interaction and information sharing. At the same time, ACP protocol covers the hardware underlying algorithm, area interconnection, cloud communication three vertical platforms, and has a deep decompilation technology to ensure the LAN, cloud communication data interaction security and customer privacy protection.



### 2.SDK/API

Anviz provides a multifunctional and well diversified hardware and cloud-based SDK / API development protocols with different possible development languages including C#, Delphi, VB. Anviz SDK / API can provide professional platform partners with convenient hardware integration and one to one services for in-detailed customization of requirements.

### 3.AWS

As a global strategic partner, AWS authorizes and helps Anviz setup cloud surveillance globally, not only keep the highest data security level and also provide the IP protection in all key countries around the world.



# iCam-B25

5MP AI IR Outdoor Bullet Network Camera



Wi-Fi



PoE



IP66



128G



H.264/  
H.265



Remote



Person/Vehicle  
Detection

iCam-B25 is an outdoor design bullet network camera with 5MP high resolution images and stylish design. The perfect combination of Intelligent Infrared and day/night conversion, greatly improve the visibility of night surveillance in low-light environments and easily reaching 20 meters long distance. The IP66 design ensures you the flexible installation in the outdoor environment. The iCam-B25 series supports standard H.264/H.265 and also the standard onvif protocol. The optional WiFi module(-W) offers wire-free operation and easy setup. The edge storage SD card slot can support up to 128GB micro SD card for edge storage. The device has built-in person detection and vehicle detection functions and you can easily get event alarm upon the Intellisight mobile APP.

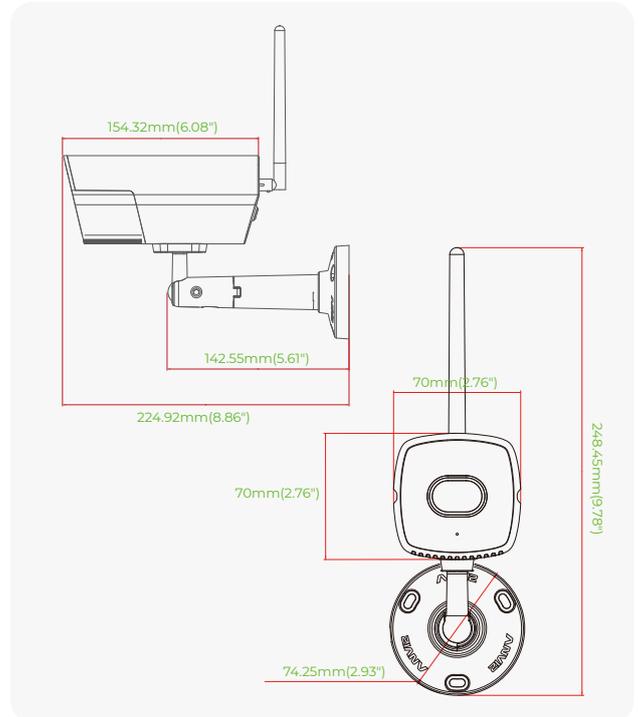
# iCam-B25

5MP AI IR Outdoor Bullet Network Camera

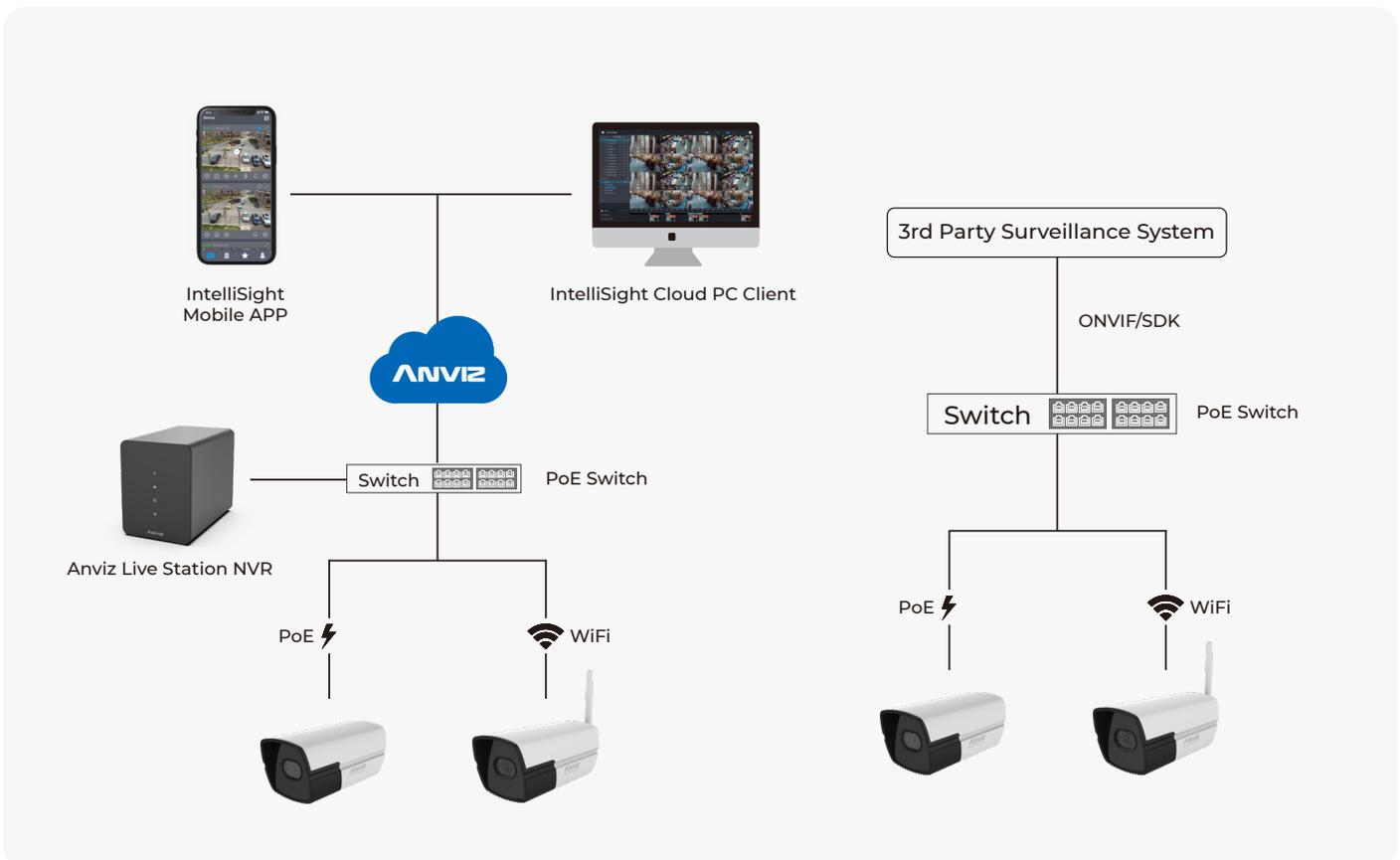
## Features

- High Definition up to 5MP**  
5MP high resolution provides more detailed images of person, faces, and more.
- True Day/Night**  
The perfect combination of Infrared LEDs and automatic IR cut filter, greatly improve the visibility in dark and low light environment.
- Built-in Microphone**  
Built-in microphone can easily get the voice within 15 meters range.
- 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.
- 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.
- IP66 Design**  
The IP66 design ensures the terminal can be installed at fully outdoor environment.

## Product Dimensions



## System Configurations



# iCam-B25

5MP AI IR Outdoor Bullet Network Camera

## Specifications

		
Model	iCam-B25	iCam-B25W
Camera		
Image Sensor	1/2.7" 5 Megapixel Progressive Scan CMOS	
Shutter Time	1/3s ~ 1/10000s	
Minimum Illumination	Color: 0.1Lux @(F1.2, AGC ON)	
	B/W: 0Lux @(IR LED ON)	
Day/Night	IR-CUT with Auto Switch/Scheduled	
WDR	Support	
BLC	Support	
IR Range	20m	
Lens		
Focal Length	4mm(optional 6mm, 8mm)	
Mount Type	M12	
Video		
Video Compression	H.264, H.265	
Video Bit Rate	512kbps ~ 16mbps	
Resolution	Main Stream (2560*1920, 2048*1536, 1920*1080, 1280*960)	
	Sub Stream (640*480)	
Image Setting	Saturation, Brightness, Contrast, Sharpness	
Others	OSD, ImageFlip, 2D/3D DNR, Auto white balance	
Smart Events	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Loitering Detection	
Deep Learning Events	Vehicle Detection, Face&Pedestrian Detection, Face Match (-P), ANPR (-C)	
Network		
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP	
Compatibility	ONVIF, GB28181, CGI API	
Management	Intellisight Cloud Desktop Software, IntelliSight Mobile APP	
Interface		
Ethernet	RJ-45 (10/100Base-T)	RJ-45 (10/100Base-T & WIFI)(802.11 b/g/n) (-W model)
Storage	Built-in SD card slot, supports MicroSD/SDHC/SDXC Slot, up to 128 GB	
Key	Reset	
General		
Power Supply	DC12V 1A/POE(IEEE 802.3af)	
Power Consumption	<6W	
Operating Conditions	-30°C to 60°C (-22°F to 140°F)	
Weather Proof	IP66	
Certifications	CE, FCC, ROHS	
Weight	315G	
Dimensions	Ø224.92*248.45mm (Ø8.86*9.78")	



# iCam-B38Z

8MP AI IR Outdoor Bullet Network Camera



Wi-Fi



PoE



4G



IR



IP66



SD Card



Cloud



Edge AI



8M  
PIXEL

8MP



Audio



Person Detection

Vehicle Detection



# iCam-B38Z

## 8MP AI IR Outdoor Bullet Network Camera

### 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 flexible installation in the outdoor environment. The iCam-B3 series supports standard H.264/H.265 and also the standard 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

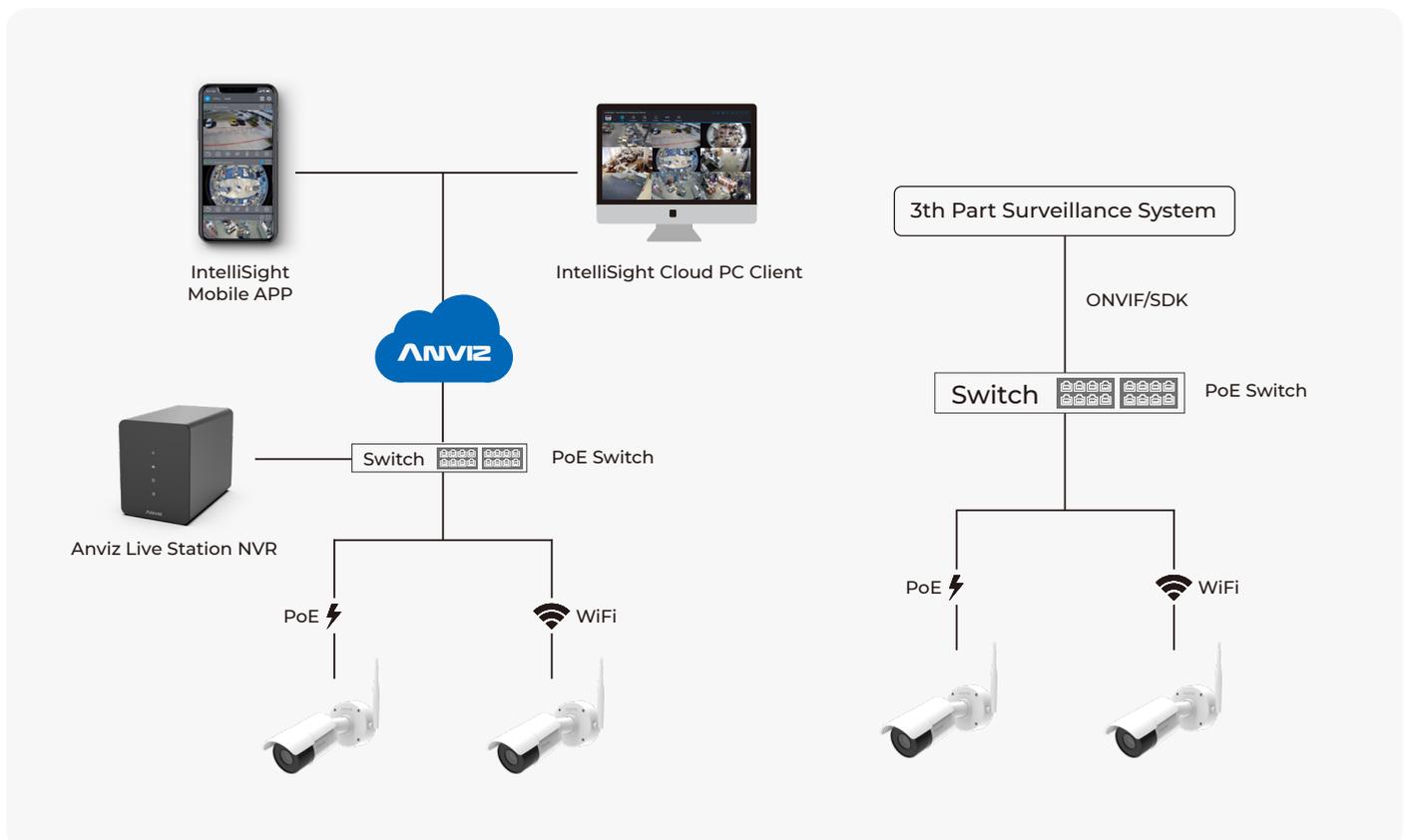
The IP66 design ensures the terminal can be installed at fully outdoor environment.



#### Dual Way Audio

Two-way audio makes realize intercom easily with external line in and line out devices.

### System Configurations



# iCam-B38Z

## 8MP AI IR Outdoor Bullet Network Camera

### Specifications

			
Model	iCam-B38Z	iCam-B38ZW (WIFI Model-Coming Soon)	iCam-B38ZG (4G Model-Coming Soon)
<b>Camera</b>			
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		
<b>Lens</b>			
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		
<b>Illuminator</b>			
IR Range	Up to 50m (1968.5')		
Wavelength	850 nm		
<b>Audio</b>			
Audio Compression	G.711, G.726, AAC-LC		
Audio Type	Mono		
Audio Capability	Environmental Noise Filter, Echo Cancellation, Two-way Audio		
<b>Video</b>			
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		
<b>Image</b>			
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		
<b>Smart Events</b>			
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		
<b>Network</b>			
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, GMP, IPv4, IPv6		
Compatibility	ONVIF, GB28181, CGI API		
Management	IntelliSight cloud, IntelliSight mobile		
<b>4G</b>			
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
<b>Interface</b>			
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		
<b>General</b>			
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	Ø120*303mm (Ø4.72*11.93")		



# iCam B38Z-V

8MP Outdoor LPR Bullet Smart Network Camera



4K



PoE



RVI-V (LPR)



IR



IP66



SD Card



Cloud



Audio

iCam B38Z-V is a 4K high-definition LPR (License Plate Recognition) camera specially designed for the accurate and efficient vehicle management. Based on the latest machine learning algorithm RVI-V ( Realtime Video Intelligence), the recognition and search accuracy rate can reach up to 98%. The iCam B38Z-V can be widely used in residential & business buidling's gates and entrances, curbs, traffic lights, parking lots, highways, toll roads and mobile/law enforcement.

# iCam B38Z-V

8MP Outdoor LPR Bullet Smart Network Camera

## Introduction



### 98% Accuracy with up to 30mph Speed Detection

iCam B38Z-V can detect vehicle with up to 30mph speed detection reaching 98% accuracy.



### Support all US & EU Plates

All 50 states of US and EU plates could be recognized and also the other countries' plates with standard combination of numbers and English letters.



### Dirty & Partial Damaged Plate Support

iCam B38Z-V supports dirty and partial damaged plates' recognition under RVI-V machine learning technologies and could be used in any harsh outdoor environments.



### 4K Resolution Got all Days Accurate Plate Images

iCam B38Z-V is equipped with a high level 4K sensors which has best performance in day and night ensuring to get accurate plate images all day time, even a mini plate could be recognized properly.



### Easily and High Efficient Management

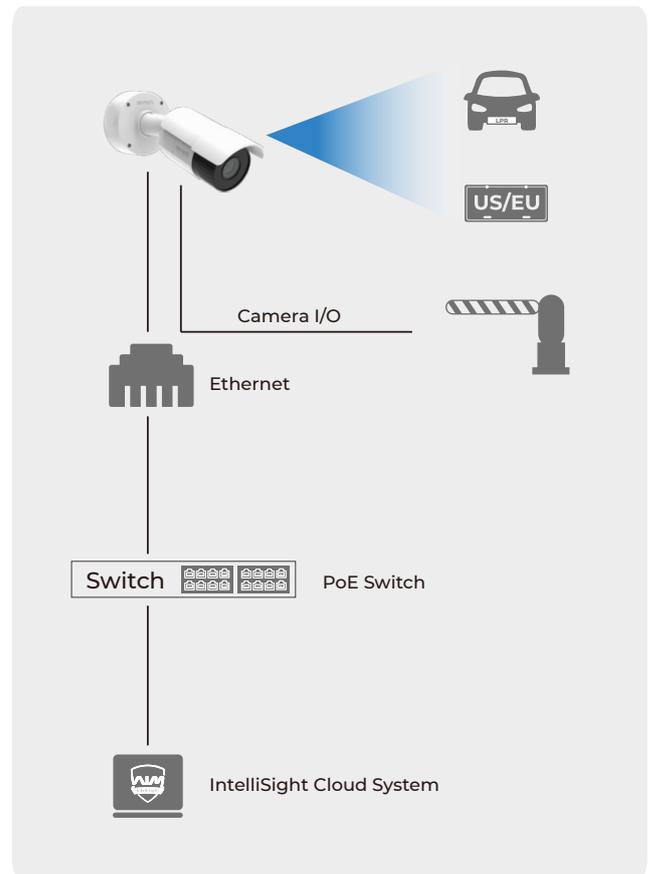
iCam B38Z-V can be a standalone system, and multiple terminals can be managed on IntelliSight VMS, you can easily search a plate, track the vehicle route, and the daily report will be pushed to you automatically.



### Easily Installation in Different Applications

iCam B38Z-V is an IP66 based terminal and can be installed in both indoor & outdoor area, together with Anviz various stands, the terminal can be easily installed in ceiling, side wall, pole, and corner.

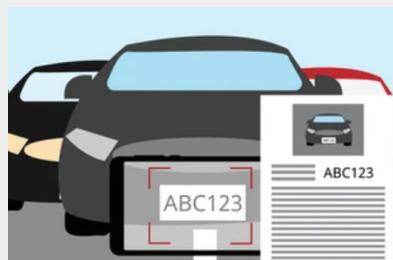
## System Configurations



## Highlight



Anviz's LPR solution quickly allow customers to enter and exit your parking facility, while easily refusing black-list and flagged vehicles.



Anviz's LPR solution combines vehicle detection, LPR, and other data sources to provide detailed, live intelligence to dispatchers and personnel on the ground.



Anviz LPR solution supports license plate recognition in more than 50 countries and regions around the world. And it can also have a high recognition rate for dirty and irregular license plates.

# iCam B38Z-V

## 8MP Outdoor LPR Bullet Smart Network Camera

### Specifications

Model	iCam B38Z-V (LPR)
<b>Camera</b>	
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
<b>Lens</b>	
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
<b>Illuminator</b>	
IR Range	Up to 50m (1968.5')
Wavelength	850 nm
<b>Audio</b>	
Audio Compression	G.711, G.726, AAC-LC
Audio Type	Mono
Audio Capability	Environmental Noise Filter, Echo Cancellation, Two-way Audio
<b>Video</b>	
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
<b>Image</b>	
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
<b>Smart Events</b>	
Video Analytics	Defocus Detection, Scene Change Detection, Occlusion Detection
Deep Learning Events	Vehicle Detection, Face & Pedestrian Detection
<b>Network</b>	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, GMP, IPv4, IPv6
Compatibility	ONVIF, GB28181, CGI API
Management	IntelliSight cloud, IntelliSight mobile
<b>Interface</b>	
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
<b>General</b>	
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	Ø120*303mm (Ø4.72*11.93")
<b>LPR Datasheet</b>	
Licenses	Anviz License Plate Verifier license included
Supported Countries	©US, Canada ©Asia (Japan, Taiwan, Korea, China) ©EU (UK, France, Germany, Spain, Italy) ©East EU (Russia & eastern EU) ©Mexico and South America ©India ©South Africa ©Middle East
Recognition Frame Rate	25-30 FPS (for good tracking). Minimum frame rate: 15 FPS.
Number of Recognition Rows	Single or two-row license plates supported
Vehicle Speed	Stop/go, or slow/moderate (5-30 mph)
Detection Range	3.0 to 20m
Barrier Mode	Open to all, open to allowlisted, open to all but blocklisted.
Detection Time	less than 1 second
Record Output	local display on monitor, XML, reports
Settings	Define 1 area of interest in scene. Allow- and blocklist logic.

# iCam-D25

5MP AI IR Mini Dome Network Camera



SD Card



Cloud



Edge AI



5MP



Audio



Wi-Fi

iCam-D25 is an indoor super mini camera with 5MP QHD 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 iCam-D2 series supports standard H.264/H.265 and also the standard onvif protocol. The optional Wi-Fi model(-W) offers wireless communication and easy 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. The Built-in Microphone and Speaker interface support audio events and two-way audio.

# iCam-D25

5MP AI IR Mini Dome Network Camera

## ■ Features



### High Definition up to 5M pixels

5MP high resolution provides more detailed images of person, faces, and more.



### True Day/Night

The perfect combination of Infrared LEDs and automatic IR cut filter, greatly improve the visibility in dark and low light environment.



### Built-in Microphone and Speaker

Built-in Microphone and Speaker interface support audio events and two-way audio.



### Smart Events

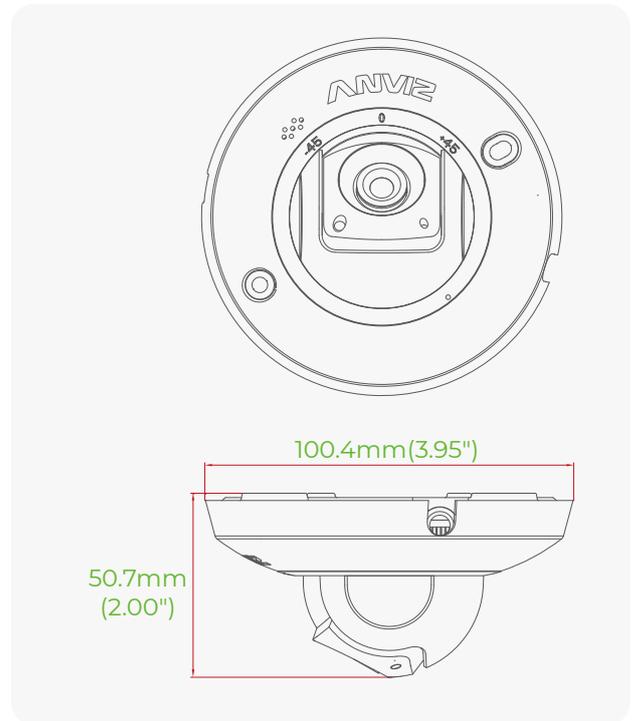
Provide accuracy alarms compared with traditional motion alarms to reduce manual supervision, by edge AI engine, include: Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Loitering Detection.



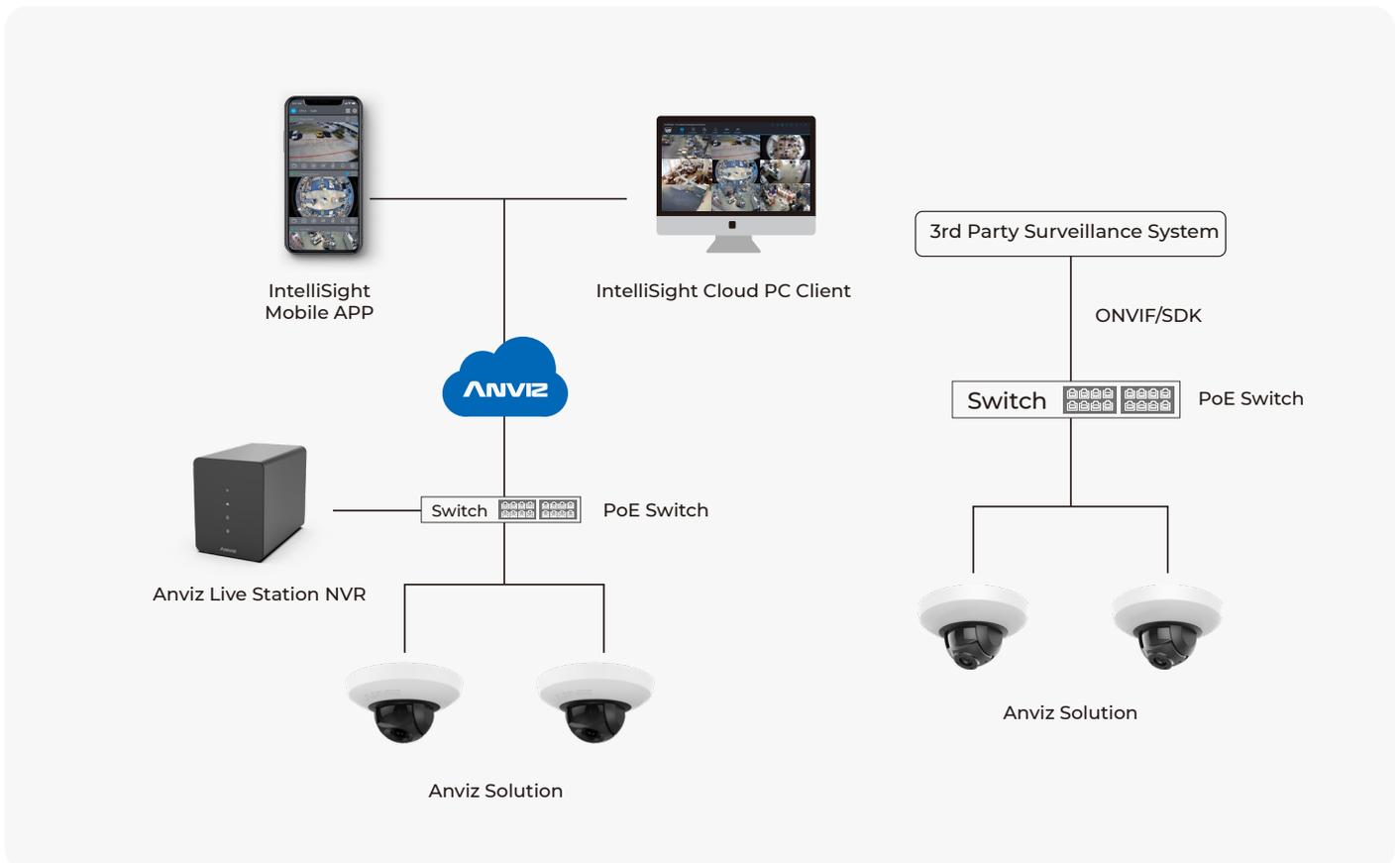
### Edge Deep Learning Engine

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.

## ■ Product Dimensions



## ■ System Configurations



# iCam-D25

5MP AI IR Mini Dome Network Camera

## Specifications

		
Model	iCam-D25	iCam-D25W
<b>Camera</b>		
Image Sensor	1/2.7" 5 Megapixel Progressive Scan CMOS	
Max. Resolution	2880(H)x1620(V)	
Shutter Time	1/12s ~ 1/10000s	
Minimum Illumination	Color: 0.01Lux @(F1.2,AGC ON)	
	B/W: 0Lux @(IR LED ON)	
Day/Night	IR-CUT with Auto Switch/Scheduled	
WDR	HDR	
BLC	Support	
<b>Lens</b>		
Mount Type	Fixed M12	
Focal Length	2.8mm (0.11")	
Aperture	F1.8	
FOV	105°(H)	
Iris Type	Fixed	
<b>Illuminator</b>		
IR Range	Up to 10m (393.70')	
Wavelength	850nm	
<b>Audio</b>		
Audio Compression	G.711, G.726, AAC-LC	
Audio Type	Mono	
Audio Capability	Environmental Noise Filter, Echo Cancellation, Two-way Audio	
<b>Video</b>		
Video Compression	H.264, H.265	
Video Bit Rate	512kbps ~ 16mbps	
Resolution	Main Stream (2880*1620, 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	
<b>Image</b>		
Image Setting	Saturation, Brightness, Contrast, Sharpness, Auto white balance	
Image Enhancement	Lens Distortion Correction, Defog, 2D/3D DNR	
S/N Ratio	39dB	
Dynamic Range	>100dB	
Others	OSD, Image Flip, Picture Overlay	
<b>Smart Events</b>		
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, Face Match (-P), ANPR (-C)	
<b>Network</b>		
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 Desktop Software, IntelliSight Mobile APP	
<b>Interface</b>		
Ethernet	1 RJ45 (10/100Mbps)	
Wi-F	/	IEEE 802.11 b/g/n
Storage	Built-in MicroSD/SDHC/SDXC Slot, up to 128 GB	
Audio	1 Built-in Mic, 1 Built-in Speaker	
Key	Reset Button	
<b>General</b>		
Power Supply	DC12V 1A/POE (IEEE 802.3af)	
Power Consumption	<6W	
Operating Conditions	-10°C to 50°C (14°F to 122°F), Humidity: 10% to 90% (No Condensation)	
Certifications	CE, FCC, RoHS	
Weight	1.5KGS	
Dimensions	Ø100.4*50.7mm (Ø3.95*2.00")	



# iCam-D28F

8MP AI Fisheye Mini Dome Network Camera



SD Card



PoE



Cloud



Fisheye



Edge AI



8MP



Audio



Wi-Fi

iCam-D28F is an indoor super mini fisheye camera with 8MP/4K Ultra HD resolution and 360 full angles viewing design. The 4K Ultra HD resolution brings most clear images for people, car and objects. The iCam-D28F series supports standard H.264/H.265 and also the standard onvif protocol. The optional Wi-Fi model(-W) offers wireless communication and easy 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. The Built-in Microphone and Speaker interface support audio events and two-way audio.

# iCam-D28F

8MP AI Fisheye Mini Dome Network Camera

## ■ Features



### High Definition up to 8MP

8MP high resolution provides more detailed images of person, faces, and more.



### Fisheye Design

The Fisheye sensor can let you easily get 360 degree images and covering the 200 square meters surrounding areas.



### Built-in Microphone and Speaker

Built-in Microphone and Speaker interface support audio events and two-way audio.



### Smart Events

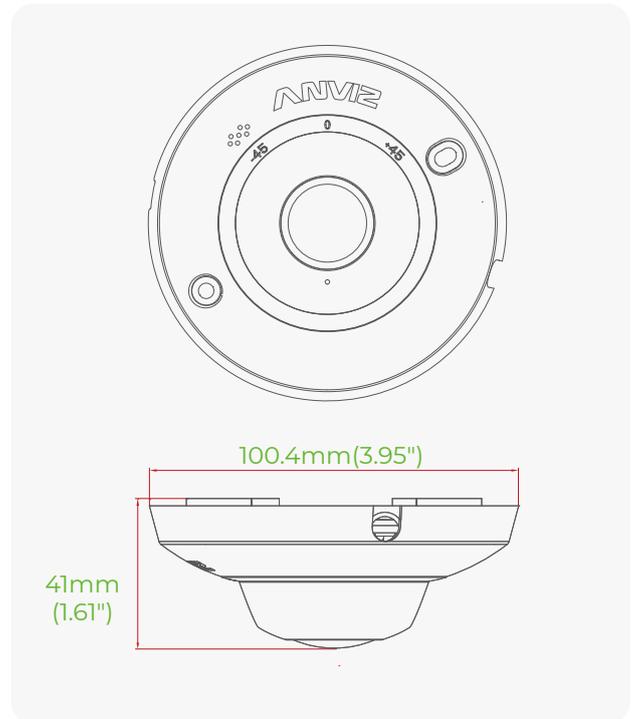
Provide accuracy alarms compared with traditional motion alarms to reduce manual supervision, by edge AI engine, include: Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Loitering Detection.



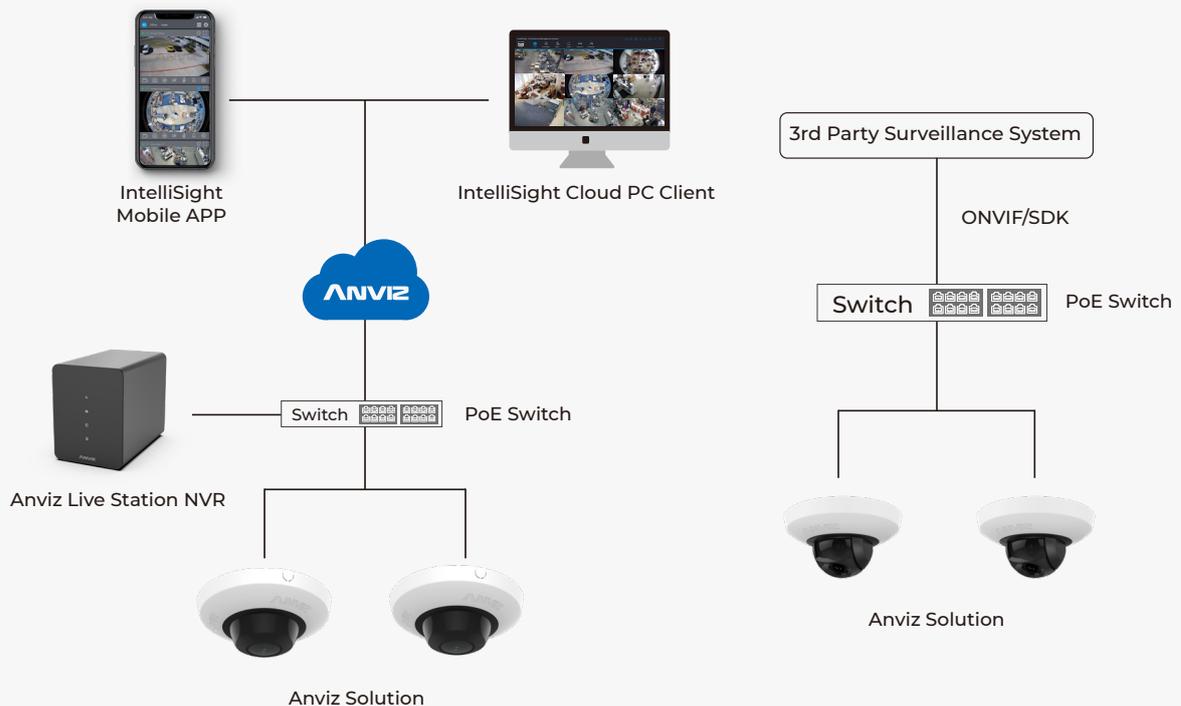
### Edge Deep Learning Engine

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.

## ■ Product Dimensions



## ■ System Configurations



# iCam-D28F

8MP AI Fisheye Mini Dome Network Camera

## Specifications

		
Model	iCam-D28F	iCam-D28FW
<b>Camera</b>		
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: 0.01Lux @(F1.2, AGC ON)	
Day/Night	IR-CUT with Auto Switch/Scheduled	
WDR	HDR	
BLC	Support	
<b>Lens</b>		
Mount Type	Fixed M12	
Focal Length	1.7mm (0.07")	
Aperture	F2.0	
FOV	185°(H)	
Iris Type	/	
<b>Illuminator</b>		
IR Range	/	
Wavelength	/	
<b>Audio</b>		
Audio Compression	G.711, G.726, AAC-LC	
Audio Type	Mono	
Audio Capability	Environmental Noise Filter, Echo Cancellation, Two-way Audio	
<b>Video</b>		
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)	
Live View	On Board Support: Fisheye View, 180° Panorama View, Fisheye + 3ePT	
Region of Interest (ROI)	4 Fixed Regions for Each Stream; Target Cropping of Third Stream	
<b>Image</b>		
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	
<b>Smart Events</b>		
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, Face Match (-P), ANPR (-C)	
<b>Network</b>		
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 Desktop Software, IntelliSight Mobile APP	
<b>Interface</b>		
Ethernet	1 RJ45 (10/100Mbps)	
WIFI	/	IEEE 802.11 b/g/n
Storage	Built-in MicroSD/SDHC/SDXC Slot, up to 128 GB	
Audio	1 Built-in Mic, 1 Built-in Speaker	
Key	Reset Button	
<b>General</b>		
Power Supply	DC12V 1A/POE (IEEE 802.3af)	
Power Consumption	<6W	
Operating Conditions	-10°C to 50°C (14°F to 122°F), Humidity: 10% to 90% (No Condensation)	
Certifications	CE, FCC, RoHS	
Weight	0.38kg	
Dimensions	Φ100.4*41mm (Φ3.95*1.61")	



# iCam-D48Z

8MP AI IR Weather-Proof Dome Network Camera



40 Meters IR



IP66 Weather Proof



Ultra Low Light



4K Full HD Imaging



Person Detection



Vehicle Detection



Mobile APP



HDR



SD Card



IK10 Vandal Proof

iCam-D48Z is a water-proof and vandal-proof design camera with 8MP/4K Ultra HD resolution and stylish design. The perfect combination of Intelligent infrared-light and star-light function greatly improve the visibility effect in the dark and low-light environments. The 3X motorized lens can clearly auto adjust the images within 40 meters range. The IP66 and IK10 design ensures the flexible installation in the outdoor and harsh indoor environment. The iCam-D48Z supports standard H.264/H.265 and also the onvif protocol. The edge storage SD card slot can support up to 128GB edge storage. The device has built-in person detection and vehicle detection functions for you to easily get event alarm from the IntelliSight mobile APP.

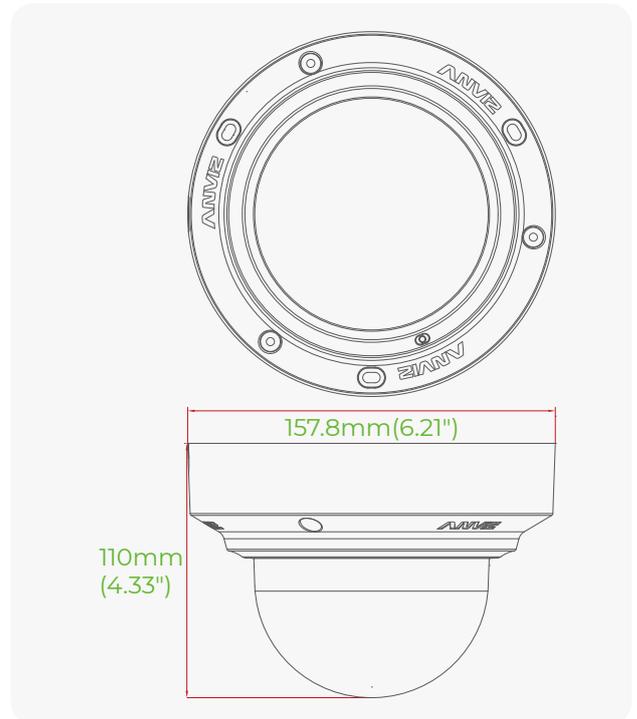
# iCam-D48Z

8MP AI IR Weather-Proof Dome Network Camera

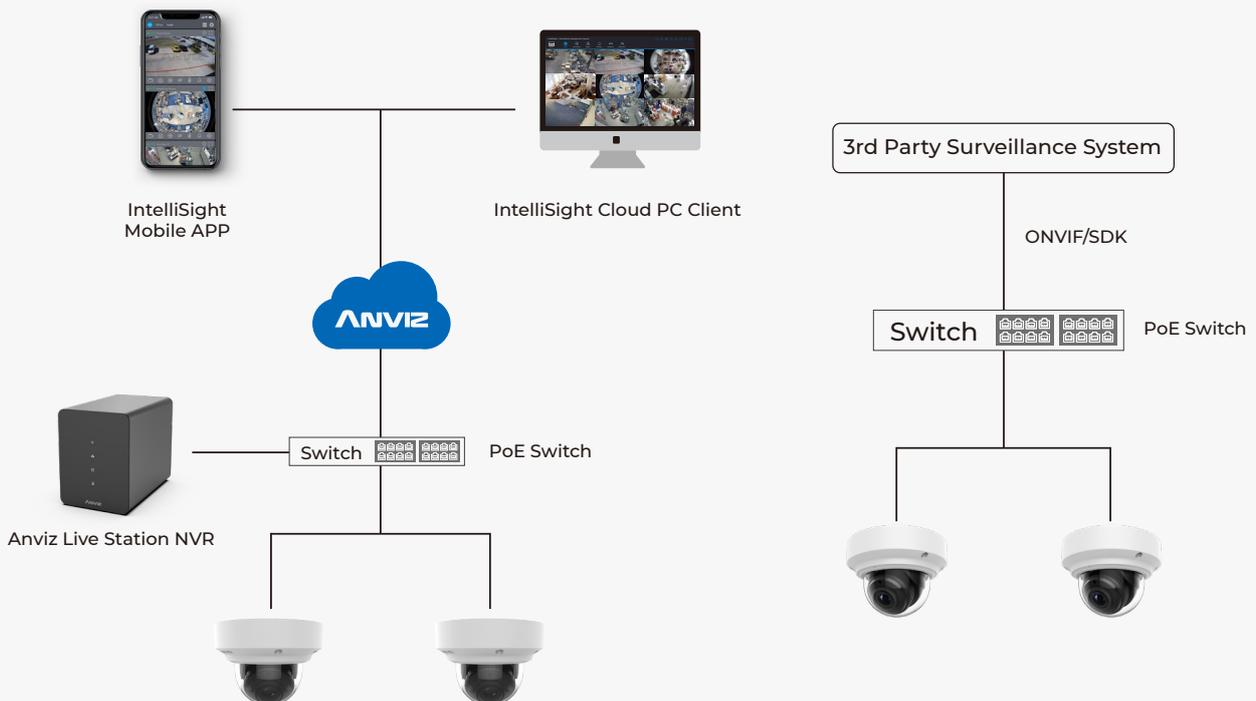
## ■ Features

- 3x Optical Zoom Lens**  
A wide-angle, 3x optical zoom lens delivers detailed, panoramic image.
- Crisp 4K/8MP**  
Capturing 4K ultra HD video that delivers detailed images of vehicle, person, faces, and more.
- Edge AI Application**  
The powerful edge AI engine helps you to get a clear vehicle and person detection events from your mobile phone and no need any extra server investment.
- Up to 14 Days Edge Storage**  
A Built-in up to 128GB micro-sd card slot plus Anviz smart stream technology ensures an up to 14 days full time edge storage.
- Indoor and Outdoor**  
Weather-resistant IP66-rated casing allows this versatile camera to be deployed anywhere.
- Crisp Night Vision**  
The infrared LEDs with an automatic IR cut filter and the enhanced low-light design delivers pristine image clarity, even in harsh weather or dark areas.
- Remote Access and Management**  
The camera could easily link to cloud and the IntelliSight mobile APP let you access to and manage the camera from anywhere using an iOS or Android smartphone.

## ■ Product Dimensions



## ■ System Configurations



# iCam-D48Z

## 8MP AI IR Weather-Proof Dome Network Camera

### Specifications

	 <b>iCam-D48Z</b>
<b>Model</b>	
<b>Camera</b>	
Image Sensor	1/1.8" 8 Megapixel Progressive Scan CMOS
Max. Resolution	3840(H) x 2160(V)
Shutter Time	1/12s ~ 1/10000s
Minimum Illumination	Color: 0.1Lux @(F1.2, AGC ON)
	B/W: 0Lux @(IR LED ON)
Day/Night	IR-CUT with Auto Switch/Scheduled
WDR	HDR
BLC	Support
<b>Lens</b>	
Mount Type	Motorized Varifocal Lens, Support Remote Focus and Zoom
Focal Length	3.6 to 10mm(14.17 to 39.37") Zoom Lens with DC-IRIS
Aperture	F1.5 (W) ~ F2.8 (T)
FOV	99-42°(H)
Iris Type	DC-IRIS
<b>Illuminator</b>	
IR Range	Up to 40m (1574.80")
Wavelength	850nm
<b>Audio</b>	
Audio Compression	G.711, G.726, AAC-LC
Audio Type	Mono
Audio Capability	Environmental Noise Filter, Echo Cancellation, Two-way Audio
<b>Video</b>	
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
<b>Image</b>	
Image Setting	Saturation, Brightness, Contrast, Sharpness, Autowhitebalance
Image Enhancement	Lens Distortion Correction, Defog, 2D/3D DNR
S/N Ratio	39dB
Dynamic Range	>74dB
Others	OSD, ImageFlip, Picture Overlay
<b>Smart Events</b>	
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, Face Match (-P), ANPR (-C)
<b>Network</b>	
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 Desktop Software, IntelliSight Mobile APP
<b>Interface</b>	
Ethernet	1 RJ45 (10M/100M/1000M)
Storage	Built-in MicroSD/SDHC/SDXC Slot, up to 128 GB
Alarm	1 input, 1 output
Audio	1 Built-in Mic, External 1 Line in, External 1 Line out
Key	Reset Button
<b>General</b>	
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
Weight	3.5KGS
Dimensions	Φ158*110mm (Φ6.22*2.76")



# iCam-D48F

8MP AI Fisheye Dome Network Camera



360 Degree  
Panorama Viewing



IP66 Weather  
Proof



Ultra Low  
Light



4K Ultra HD  
Imaging



Person  
Detection



Vehicle  
Detection



Mobile APP



HDR

iCam-D48F is a waterproof fisheye camera with 8MP/4K Ultra HD resolution and stylish design. It can give a 360 degree panorama image when ceiling mounted and 180 degree panorama viewing for side wall mounted. The HDR and ultra low light lens ensures getting clear image under strong and low light environments. The IP66 design ensures the flexible installation in the outdoor & indoor areas. The edge storage SD card slot can support up to 128GB micro SD card and 2 weeks full video storage. The device has built-in person detection and vehicle detection functions to easily get event alarm from the IntelliSight mobile APP.



Person Detection



Vehicle Detection



# iCam-D48F

8MP AI Fisheye Dome Network Camera

## Features



### One for All and All in One

With D48F fisheye model, one camera can cover an up to 200 square meters' area and all the person and vehicles could be detected and alarmed. It can give a 360 degree panorama view for ceiling mounted and 180 degree panorama view for side wall mounted.



### Crisp 4K/8MP

Capturing 4K ultra HD video that delivers detailed images of vehicle, person, faces, and more.



### Edge AI Application

The powerful edge AI engine helps to get real-time vehicle and person detection events from your mobile phone and no need any extra server investment.



### Up to 14 Days Edge Storage

A built-in up to 128GB micro-sd card slot plus Anviz smart stream technology ensures an up to 14 days full time edge storage.



### Indoor and Outdoor

Weather-resistant IP66-rated casing allows this versatile camera to be deployed anywhere.



### Crisp Night Vision

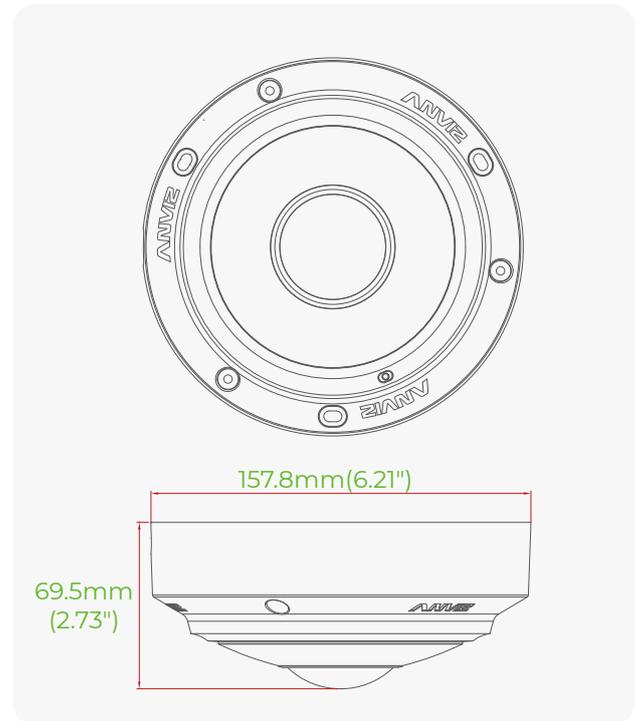
The infrared LEDs with an automatic IR cut filter and the enhanced low-light design delivers pristine image clarity, even in harsh weather or dark areas.



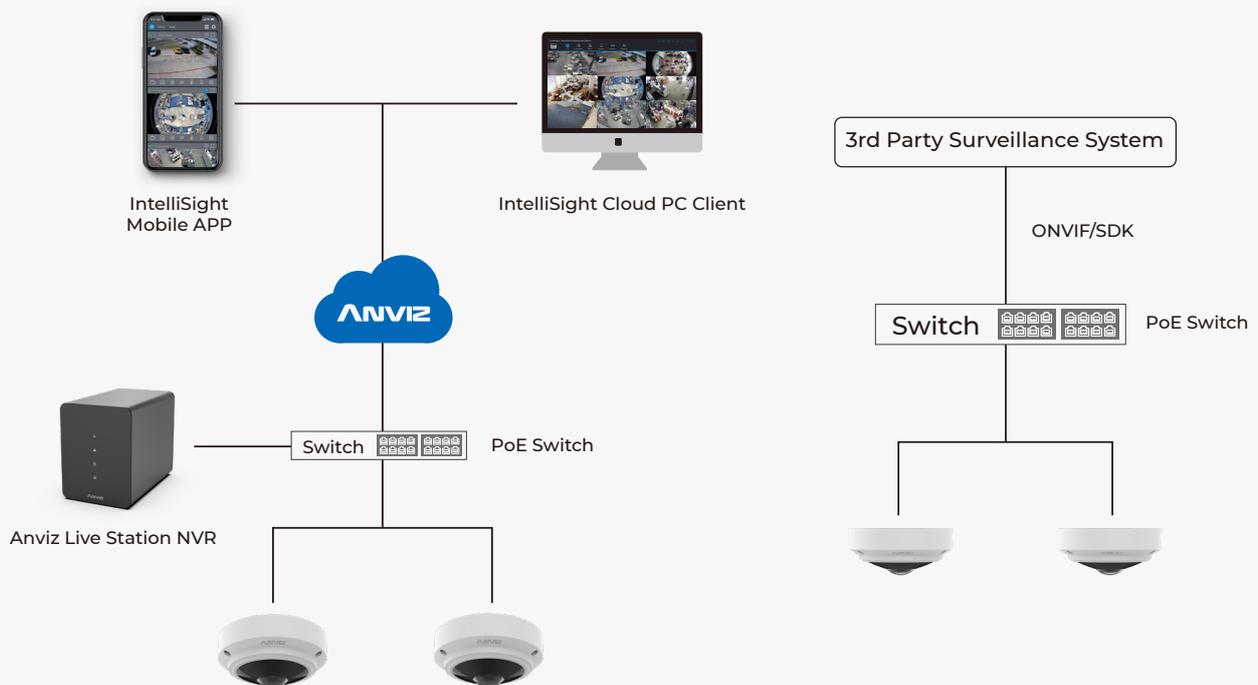
### Remote Access and Management

The camera can easily link to cloud and the IntelliSight mobile APP let you access to and manage the camera from anywhere using an iOS or Android smartphone.

## Product Dimensions



## System Configurations



# iCam-D48F

8MP AI Fisheye Dome Network Camera

## Specifications

	
<b>Model</b>	<b>iCam-D48F</b>
<b>Camera</b>	
Image Sensor	1/1.8" 8 Megapixel Progressive Scan CMOS
Max. Resolution	3840(H) x 2160(V)
Shutter Time	1/12s ~ 1/10000s
Minimum Illumination	Color: 0.1Lux @(F1.2, AGC ON) B/W: 0Lux @(IR LED ON)
Day/Night	IR-CUT with Auto Switch/Scheduled
WDR	HDR
BLC	Support
<b>Lens</b>	
Mount Type	Fixed M12
Focal Length	1.7mm (0.07")
Aperture	F2.0
FOV	185°(H)
Iris Type	/
<b>Illuminator</b>	
IR Range	Up to 15m (590.55")
Wavelength	850nm
<b>Audio</b>	
Audio Compression	G.711, G.72 6, AAC-LC
Audio Type	Mono
Audio Capability	Environmental Noise Filter, Echo Cancellation, Two-way Audio
<b>Video</b>	
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)
Live View	On Board Support: Fisheye View, 180° Panorama View, Fisheye + 3 ePT
Region of Interest (ROI)	4 Fixed Regions for Each Stream; Target Cropping of Third Stream
<b>Image</b>	
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, ImageFlip, Picture Overlay
<b>Smart Events</b>	
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, Face Match (-P), ANPR (-C)
<b>Network</b>	
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 Desktop Software, IntelliSight Mobile APP
<b>Interface</b>	
Ethernet	1 RJ45 (10M/100M/1000M)
Storage	Built-in MicroSD/SDHC/SDXC Slot, up to 128 GB
Alarm	1 Input, 1 Output
Audio	1 Built-in Mic, External 1 Line in, External 1 Line out
Key	Reset Button
<b>General</b>	
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
Weight	2.5KGS
Dimensions	Ø158*70mm (Ø6.22*4.33")

# Live Station 2

4K 32CH Dual HDD NVR



Metal Casing and Stylish Design



Large Storage



H.264  
H.265



Max. 32 Channels



Cloud and Mobile Management

Live Station 2 is an intelligent storage NVR developed by Anviz. It adopts an all-metal casing and a stylish design. It can be placed in IT ROOM, the company's reception and other places that are easy to manage. The device has two 8TB hard drives that can store up to two months of local real-time video. The device supports 32-channel HD camera access, up to 4K storage, and supports 4-channel simultaneous playback. The device supports one-click scan code addition function, which can realize the rapid management of the device by the mobile APP, and can obtain rich real-time alarm message push.

# Live Station 2

4K 32CH Dual HDD NVR

## Features



### Compact and Stylish Design

The compact and stylish design let the device be installed in IT room, reception and any other easily management area.



### Up to 32 Channel Cameras and 2 Hard Drive

The device support up to 32 channels cameras and with 2 8TB large capacity hard drive.



### Support Both H.264/H.265

The NVR supports both H.264/H.265 protocol and provides you flexible storage options.



### 4CH Simultaneous Playback

The device supports 4 channel simultaneous playback and ensuring the quick search for any emergency needs.



### One Click add to Cloud

The device support one click add from the app and can push the events to the cloud in real time.

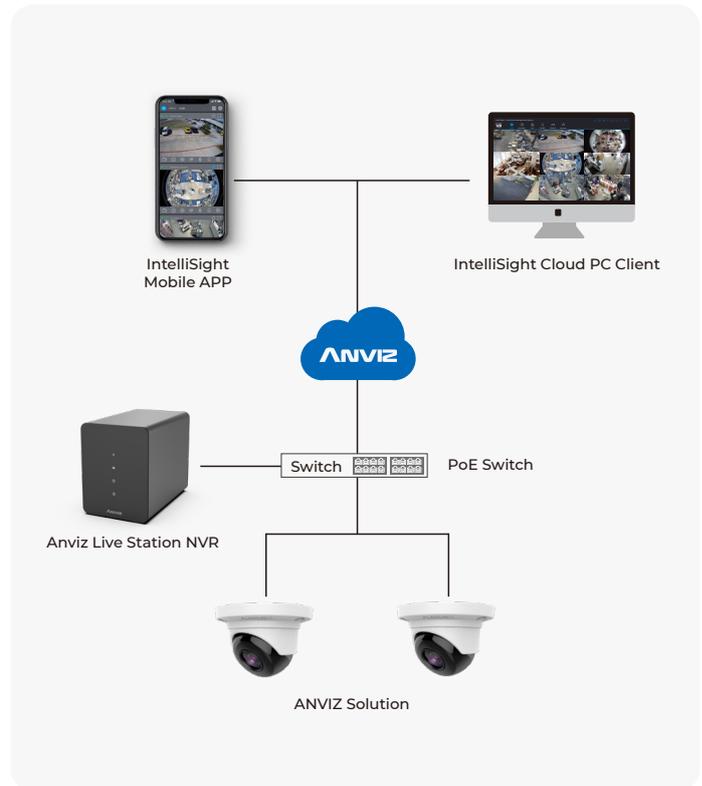
## Specifications



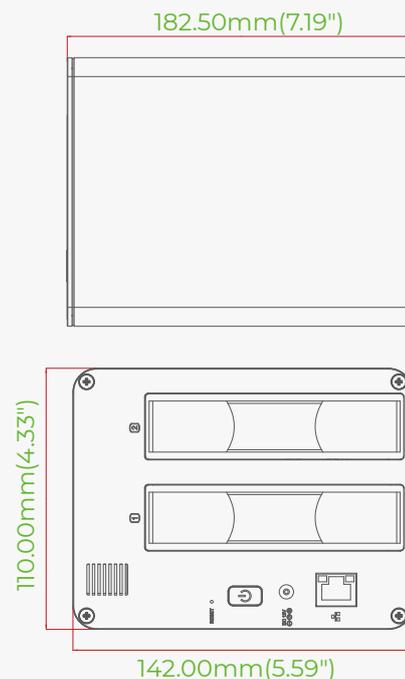
Live Station 2

Model	Live Station 2
<b>System</b>	
CPU	high-performance quad-core processor
OS	Embedded Linux
Cloud	Support ANVIZ Cloud Service
<b>Channel Operating</b>	Liveview, Recording, IPCamera management and Setting
<b>Video(Remote)</b>	
Liveview	Live audio and video Stream, PTZ Control, Image Setting
Playback	Up to 4CH playback, Recording file download
<b>Record</b>	
Recording Resolution	4K/5M/1080P/720P
Maximum Storage	Up to 16TB (8TB *2)
Recording Mode	Manual, Schedule, Alarm
<b>Network</b>	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, NTP, IGMP, IPv4
Compatibility	ANVIZ SDK
Management	IntelliSight Cloud, IntelliSight Mobile
<b>Interface</b>	
Ethernet	1 RJ45 (10/100/1000Mbps)
LED Indicator	System, Cloud Status, HDD Status
SATA	2 SATA Port
Reset	Reset by Software Application
<b>General</b>	
Power Supply	DC12V 3A
Power Consumption	<36W
Operating Conditions	-10°C to 55°C (14°F to 131°F); Humidity: 0 to 90%
Certifications	CE, FCC, RoHS
Weight	3KG
Dimensions	182.5*110*142mm(L*W*H); (7.19*4.33*5.59") (L*W*H)

## System Configurations



## Product Dimensions



# Live Station 4

4K 64CH Four HDD NVR



Metal Casing and Stylish Design



Large Storage



H.264  
H.265



Max. 64 Channels



Cloud and Mobile Management

Live Station 4 is an intelligent storage NVR developed by Anviz. It adopts an all-metal casing and a stylish design. It can be placed in IT ROOM, the company's reception and other places that are easy to manage. The device has four 8TB hard drives that can store up to four months of local real-time video. The device supports 64-channel HD camera access, up to 4K storage, and supports 4-channel simultaneous playback. The device supports one-click scan code addition function, which can realize the rapid management of the device by the mobile APP, and can obtain rich real-time alarm message push.

# Live Station 4

4K 64CH Four HDD NVR

## Features



### Compact and Stylish Design

The compact and stylish design let the device be installed in IT room, reception and any other easily management area.



### Up to 64 Channel Cameras and 4 Hard Drive

The device support up to 64 channels cameras and with 4 8TB large capacity hard drive.



### Support Both H.264/H.265

The NVR supports both H.264/H.265 protocol and provides you flexible storage options.



### 4CH Simultaneous Playback

The device supports 4 channel simultaneous playback and ensuring the quick search for any emergency needs.



### One Click add to Cloud

The device support one click add from the app and can push the events to the cloud in real time.

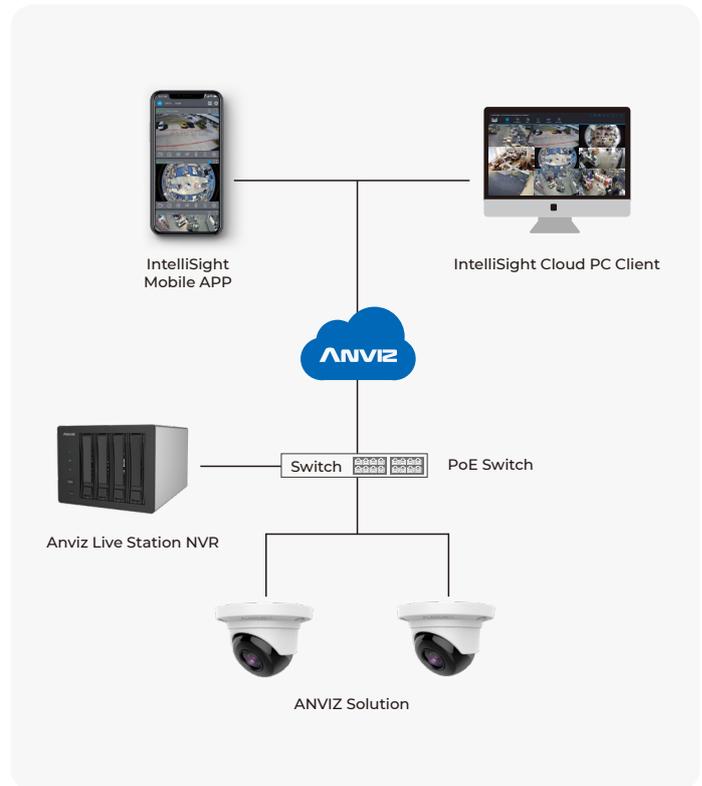
## Specifications



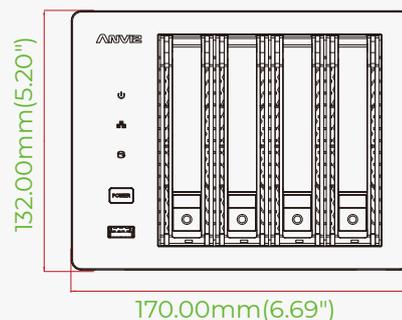
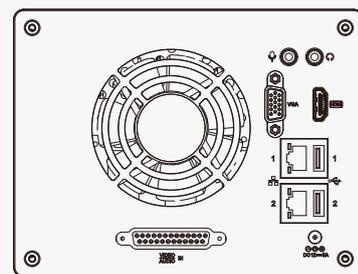
Live Station 4

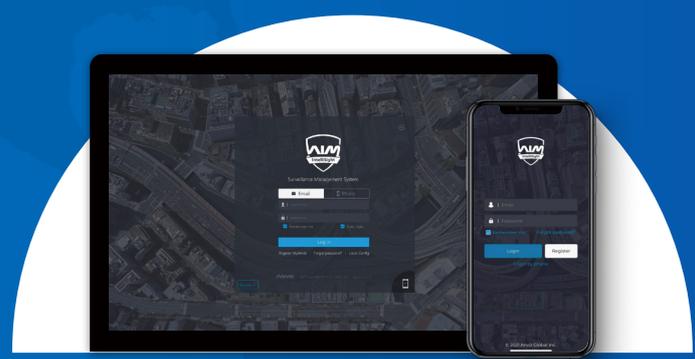
Model	Live Station 4
<b>System</b>	
CPU	high-performance quad-core processor
OS	Embedded Linux
Cloud	Support ANVIZ Cloud Service
<b>Channel Operating</b>	Liveview, Recording, IPCamera management and Setting
<b>Video(Remote)</b>	
Liveview	Live audio and video Stream, PTZ Control, Image Setting
Playback	Up to 4CH playback, Recording file download
<b>Record</b>	
Recording Resolution	4K/5M/1080P/720P
Maximum Storage	Up to 32TB (8TB *4)
Recording Mode	Manual, Schedule, Alarm
<b>Network</b>	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, NTP, IGMP, IPv4
Compatibility	ANVIZ SDK
Management	IntelliSight Cloud, IntelliSight Mobile
<b>Interface</b>	
Ethernet	2* RJ45 (10/100/1000Mbps)
LED Indicator	System, Cloud Status, HDD Status
SATA	4 SATA Port
Reset	Reset by Software Application
<b>General</b>	
Power Supply	DC12V 5A
Power Consumption	<36W
Operating Conditions	-10°C to 55°C (14°F to 131°F); Humidity: 0 to 90%
Certifications	CE, FCC, RoHS
Weight	4.8KG
Dimensions	170*233*132mm(L*W*H); (6.69*9.17*5.20") (L*W*H)

## System Configurations



## Product Dimensions





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