ANVIZ®

2022

Smart Surveillance
Management Platform

Contents

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
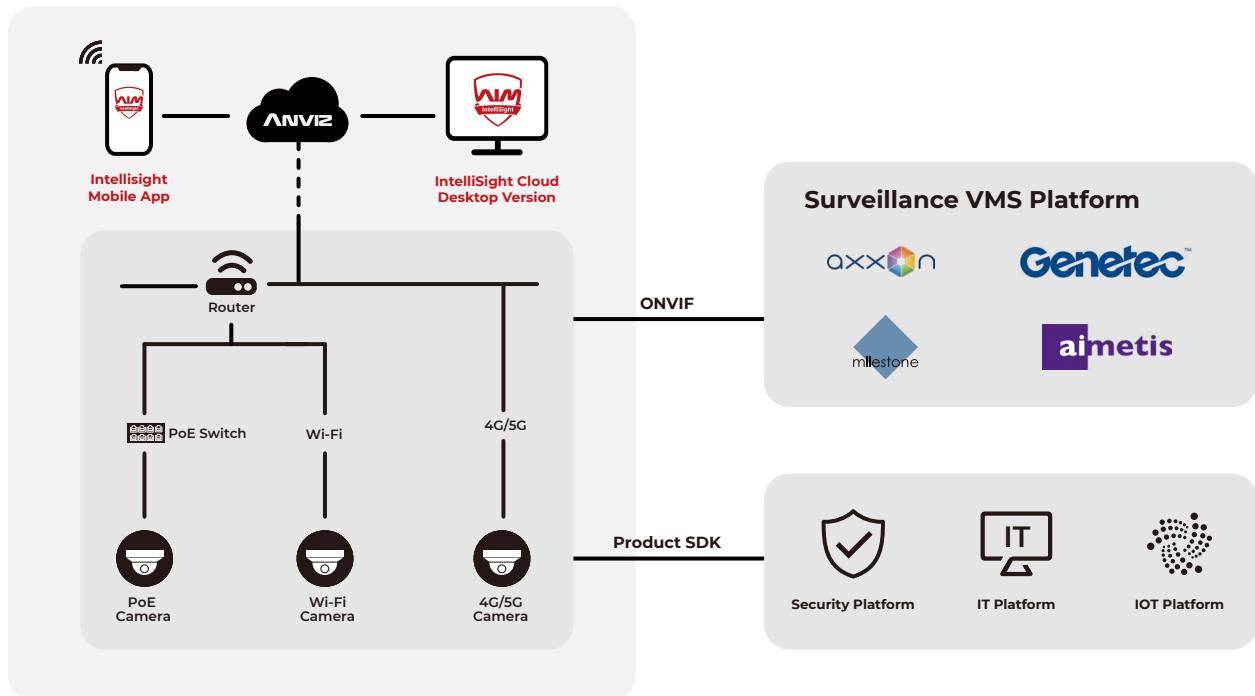Sales & Operation &
Customer Service Center

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.
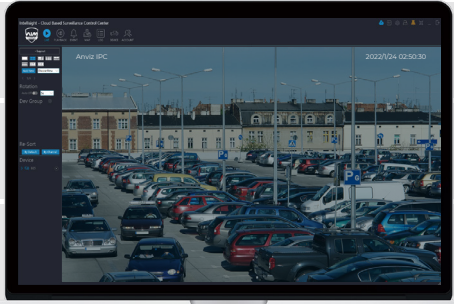
System Configurations

Intellisight Mobile App

IntelliSight Cloud Desktop Version

Router

PoE Switch Wi-Fi 4G/5G

PoE Camera Wi-Fi Camera 4G/5G Camera

ONVIF

Product SDK

Surveillance VMS Platform

axxon Genetec milestone aimetis

Security Platform IT Platform IOT Platform

IntelliSight Desktop

- 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
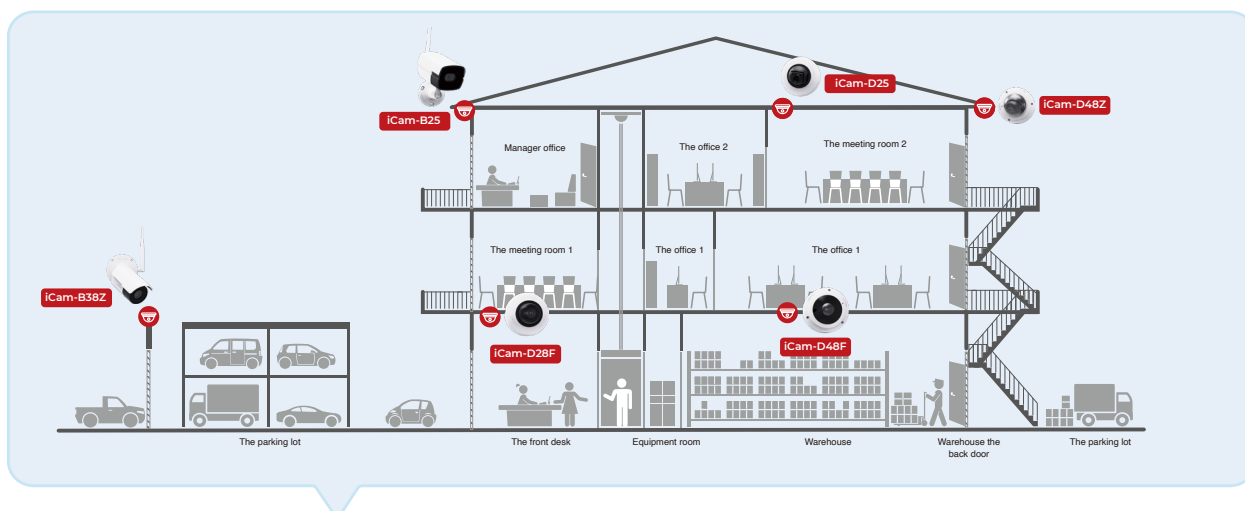- Multiple channel preview, main stream and substream one click switching

IntelliSight Mobile APP

- 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

The parking lot · The front desk · Equipment room · Warehouse · Warehouse the back door · The parking lot

iCam-B25 · iCam-D25 · iCam-D48Z · iCam-B38Z · iCam-D28F · iCam-D48F

Manager office · The office 2 · The meeting room 2 · The meeting room 1 · The office 1 · The office 1

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
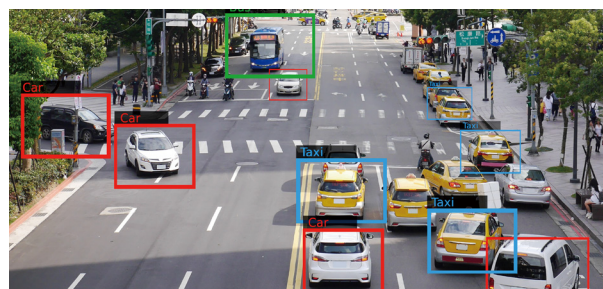
Vehicle Detection & LNPR

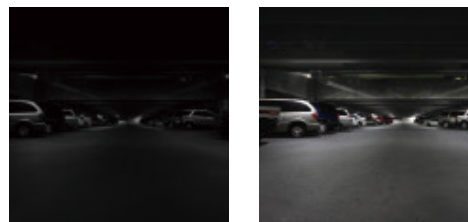## 2. Video Optimization Technology

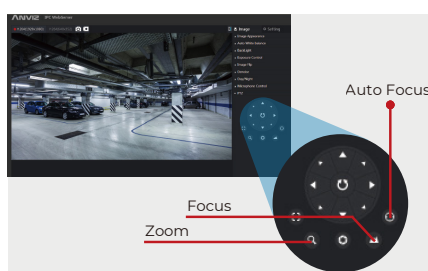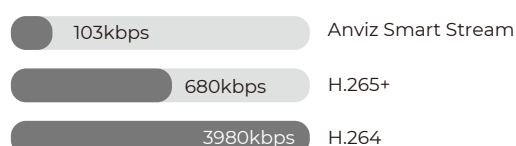**True WDR**

BLC · Anviz WDR-140DB · Without BLC & WDR

Starlight

Without Starlight · Anviz Starlight Camera-0.001Lux

Auto Back Focusing

Auto Focus · Focus · Zoom

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.
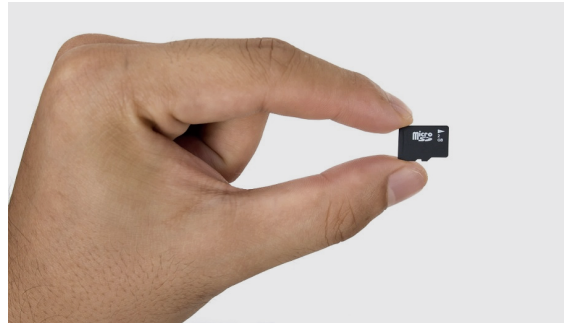

SD Card

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.
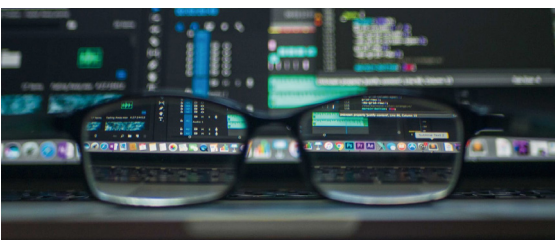
2.SDK/API

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 flexbile installation in the outdoor environment. The iCam-B25 series supports standard H.264/H.265 and also the stanard onvif protocol. The optional WiFi module(-W) offers wire-free operation and easily 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.
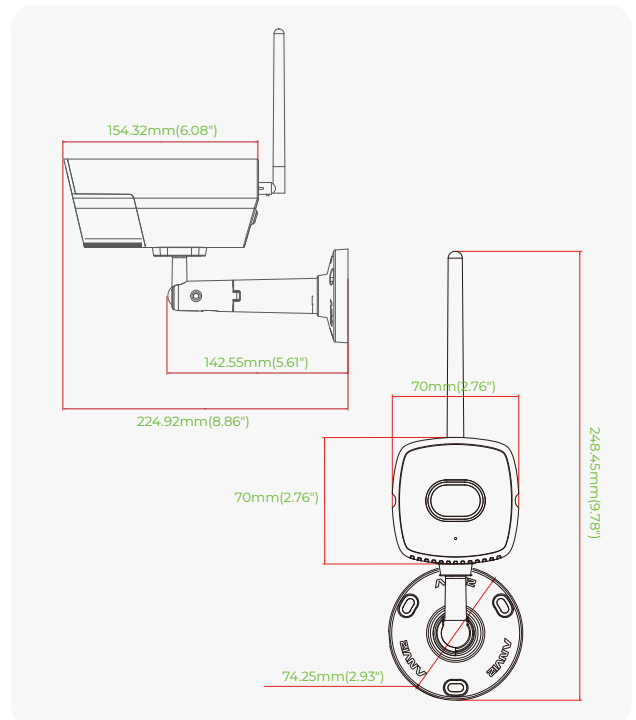
Edge Deep Learning Engine
Based on edge deep learning AI engine, camera provides multiple rules to detect Vehicle, Face, Pedestrian. Face Recognition and License Plate Recognition make a powerful AI camera for access management.
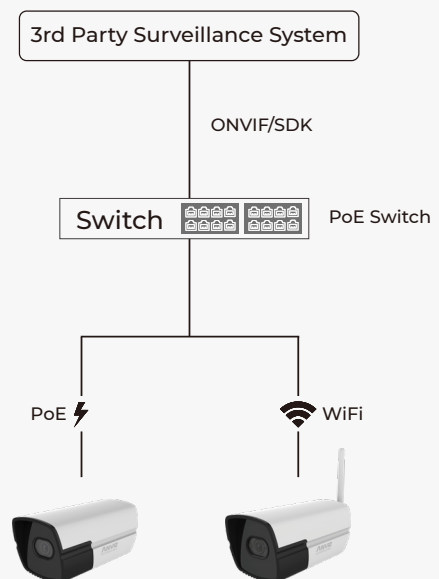
IP66 Design
The IP66 design ensures the terminal can be installed at fully outdoor environment.

■ Product Dimensions

154.32mm(6.08")
142.55mm(5.61")
224.92mm(8.86")
70mm(2.76")
70mm(2.76")
248.45mm(9.78")
74.25mm(2.93")

■ System Configurations

IntelliSight Mobile APP

IntelliSight Cloud PC Client

ANVIZ

Anviz Live Station NVR

Switch   PoE Switch

PoE   WiFi

3rd Party Surveillance System

ONVIF/SDK

Switch   PoE Switch

PoE   WiFi

iCam-B25

Outdoor Bullet Network Camera

iCam-B25W

Scan CMOS

C ON)
ON)
cheduled

mm)

920*1080, 1280*960)
0)
t, Sharpness
o white balance
tion, Region Exiting Detection, Loitering Detection
, Face Match (-P), ANPR (-C)

RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP
API
elliSight Mobile APP

5 (10/100Base-T & WIFI(802.1 b/g/n) (-W model)
C/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	Φ224.92*248.45mm (Φ8.86*9.78")

iCam-B38Z

8MP AI IR Outdoor Bullet Network Camera

ONVIF

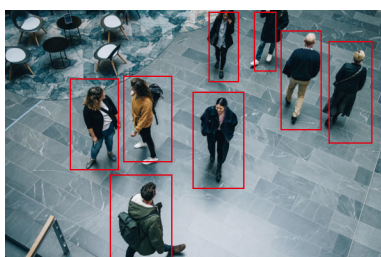| Wi-Fi	PoE	4G	IR	IP66	SD Card	Cloud	Edge AI	8MP	Audio

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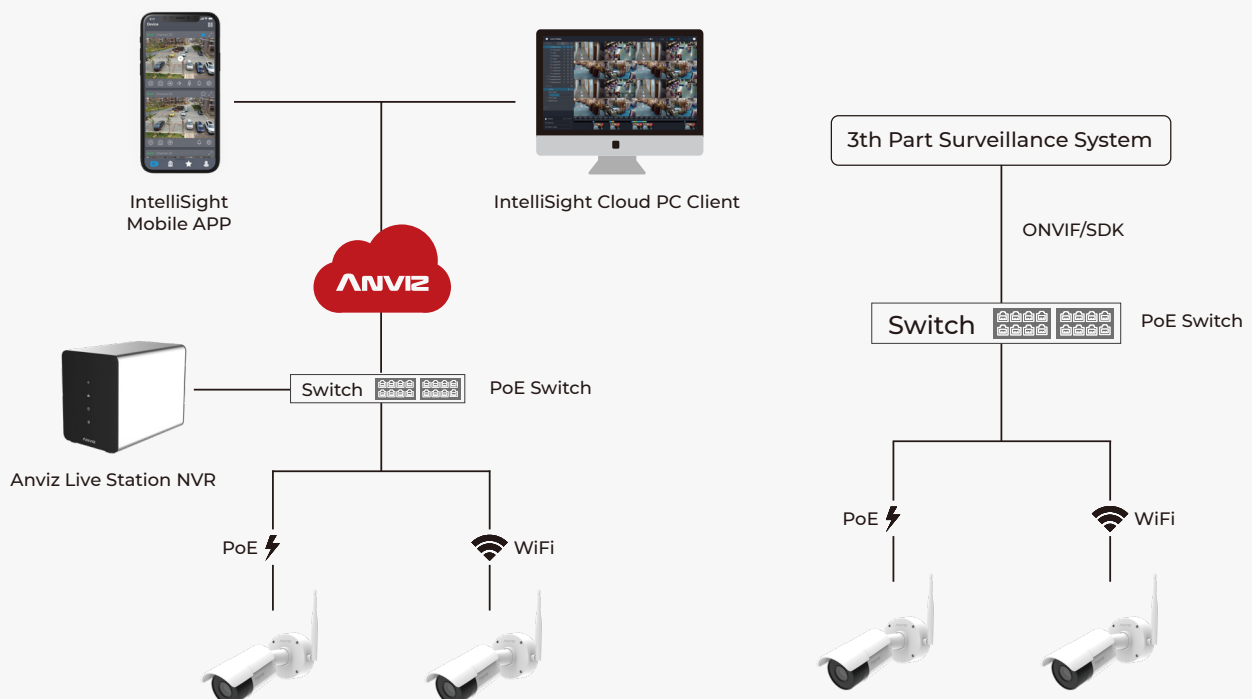The IP66 design ensures the terminal can be installed at fully outdoor environment.

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

3th Part Surveillance System

ONVIF/SDK

Switch — PoE Switch

Switch — PoE Switch

Anviz Live Station NVR

PoE — WiFi

PoE — WiFi

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)
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-D25

5MP AI IR Mini Dome Network Camera

ONVIF

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-D3 series supports standard H.264/H.265 and also the stanard onvif protocol. The optional Wi-Fi m
The edge storage SD card slot can support u
detection and vehicle detection functions a
mobile APP.The Built-in Microphone and Sp

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

100.4mm(3.95")

50.7mm (2.00")

■ System Configurations

IntelliSight Mobile APP

IntelliSight Cloud PC Client

3rd Party Surveillance System

ONVIF/SDK

Switch — PoE Switch

Switch — PoE Switch

Anviz Live Station NVR

Anviz Solution

Anviz Solution

iCam-D25

5MP AI IR Mini Dome Network Camera

◼ Specifications

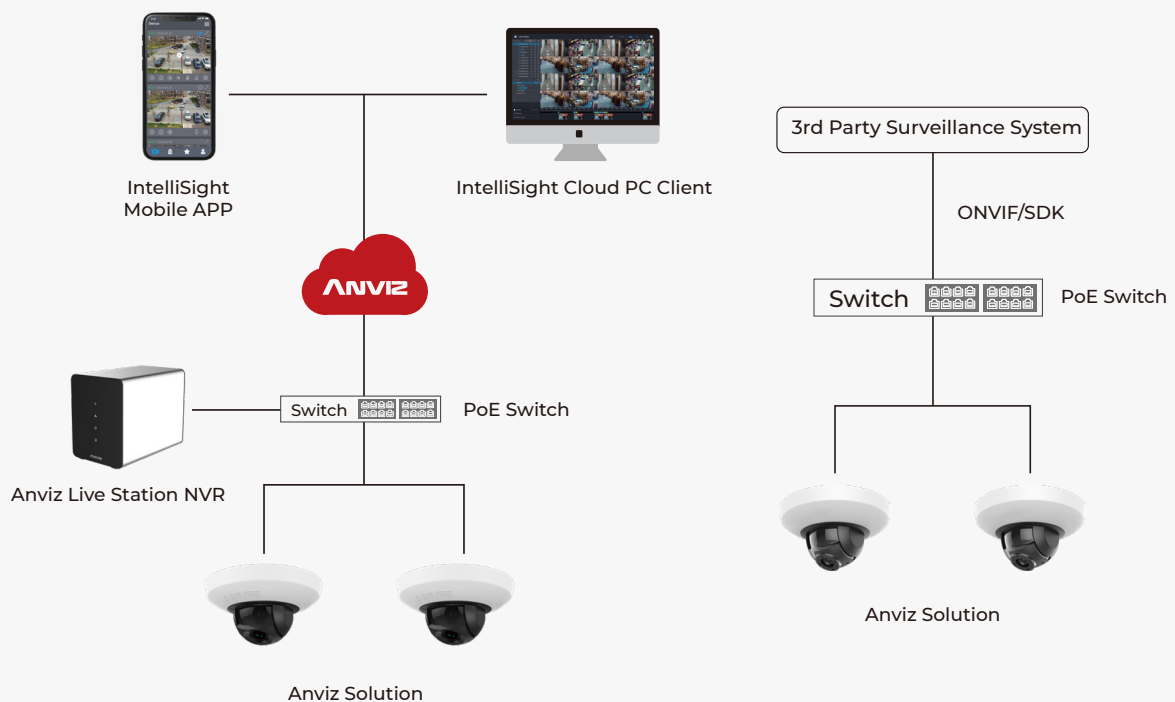| Model	iCam-D25	iCam-D25W
Camera		
Image Sensor	1/2.7" 5 Megapixel Progressive Scan CMOS	
Max. Resolution	2880(H)x1620(V)	
Shutter Time	1/12s ~ 1/10000s	
Minimum Illumination	Color: 0.01Lux @(F1.2,AGC ON)	
	B/W: 0Lux @(IR LED ON)	
Day/Night	IR-CUT with Auto Switch/Scheduled	
WDR	HDR	
BLC	Support	
Lens		
Mount Type	Fixed M12	
Focal Length	2.8mm (0.11")	
Aperture	F1.8	
FOV	105°(H)	
Iris Type	Fixed	
Illuminator		
IR Range	Up to 10m (393.70")	
Wavelength	850nm	
Audio		
Audio Compression	G.711, G.72 6, 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 (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	
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	>100dB	
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, 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, IPv4, IPv6	
Compatibility	ONVIF, GB28181, CGI API	
Management	IntelliSight Cloud Desktop Software, IntelliSight Mobile APP	
Interface		
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	
General		

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 angeles viewing design. The 4K Ultra HD resolution brings most clear images for people, car and ojects. The iCam-D28F series supports standard H.264/H.265 and also the stanard onvif protocol. The optional Wi-Fi model(-W) 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. The Built-in Microphone and Speaker interface support audio events and two-way audio.

■ Features

High Definition up to 8MP
8MP high resolution provides more detailed images of person, fac
more.

Fisheye Design
The Fisheye sensor can let you easily got 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 a
two-way audio.

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

Edge Deep Learning Engine
Based on edge deep learning AI engine, camera provides multiple
to detect Vehicle, Face, Pedestrian. Face Recognition and License
Recognition make a powerful AI camera for access management.

■ System Configurations

IntelliSight
Mobile APP

ANVIZ

Switch

Anviz Live Station NVR

Anviz Solution

Anviz Solution

iCam-D28F

8MP AI Fisheye Mini Dome Network Camera

■ Specifications

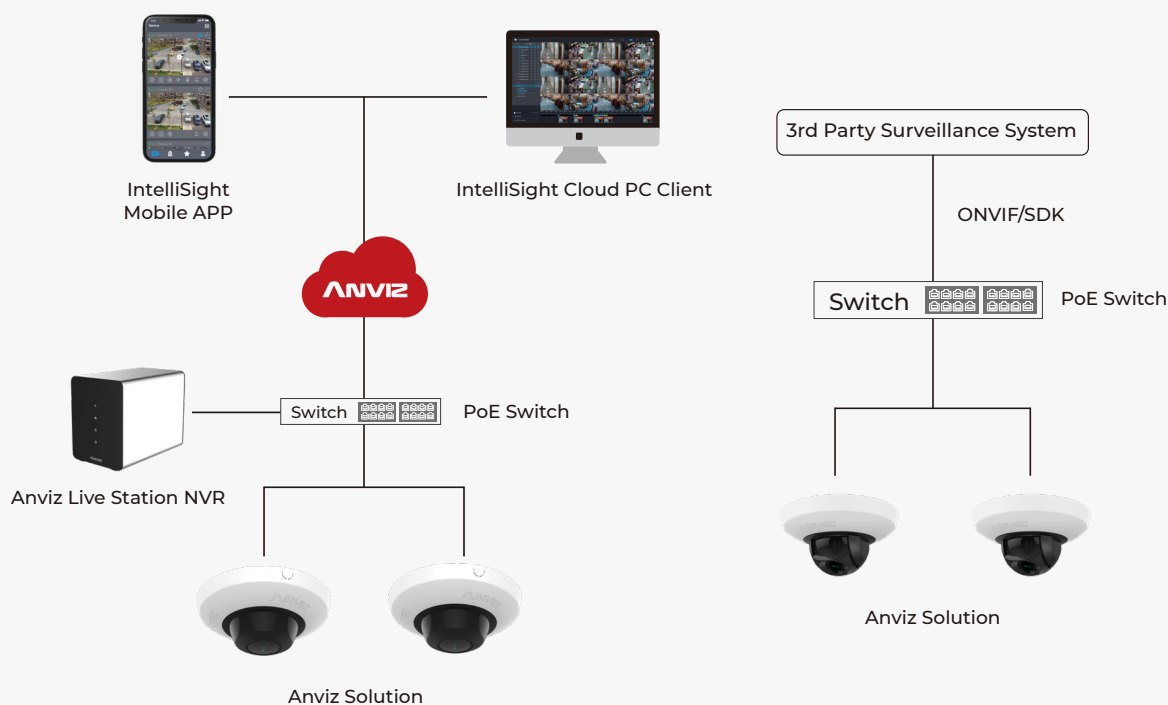| Model	iCam-D28F	iCam-D28FW
Camera		
Image Sensor	1/1.8" 8 Megapixel Progressive Scan CMOS	
Max. Resolution	3840(H)x2160(V)	
Shutter Time	1/12s ~ 1/10000s	
Minimum Illumination	Color: 0.01Lux @(F1.2, AGC ON)	
Day/Night	IR-CUT with Auto Switch/Scheduled	
WDR	HDR	
BLC	Support	
Lens		
Mount Type	Fixed M12	
Focal Length	1.7mm (0.07")	
Aperture	F2.0	
FOV	185°(H)	
Iris Type	/	
Illuminator		
IR Range	/	
Wavelength	/	
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)	
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	
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, 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, IPv4, IPv6	
Compatibility	ONVIF, GB28181, CGI API	
Management	IntelliSight Cloud Desktop Software, IntelliSight Mobile APP	
Interface		
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	
General		
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 flexbile 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.
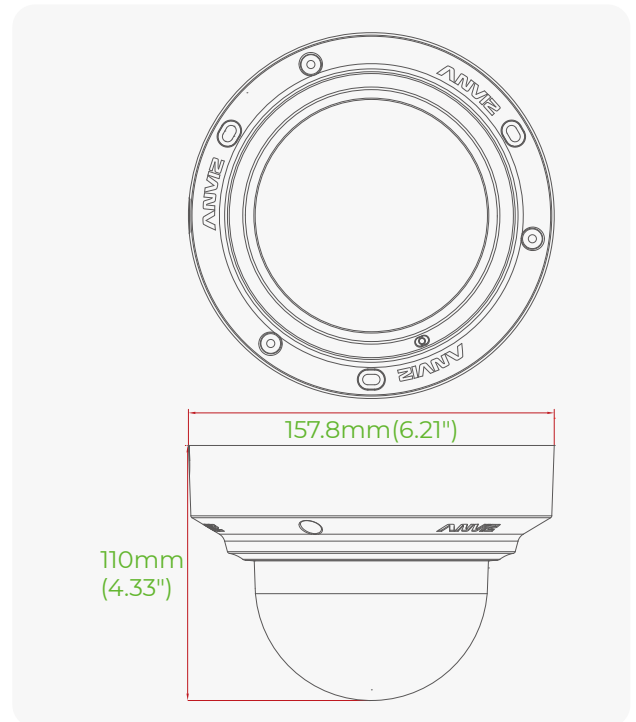
Crisp Night Vision
The infrared LEDs with an automatic IR cut filter and the enhanced low-light design delivers pristine image clarity, even in harsh weather or dark areas.

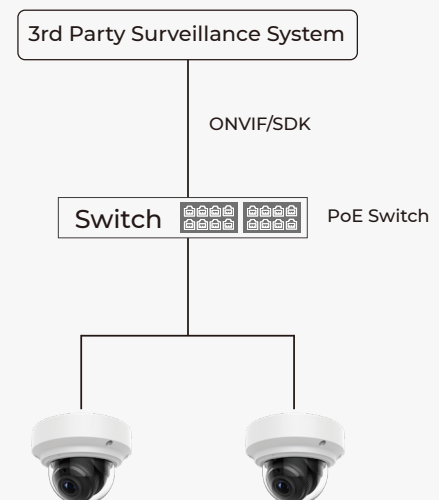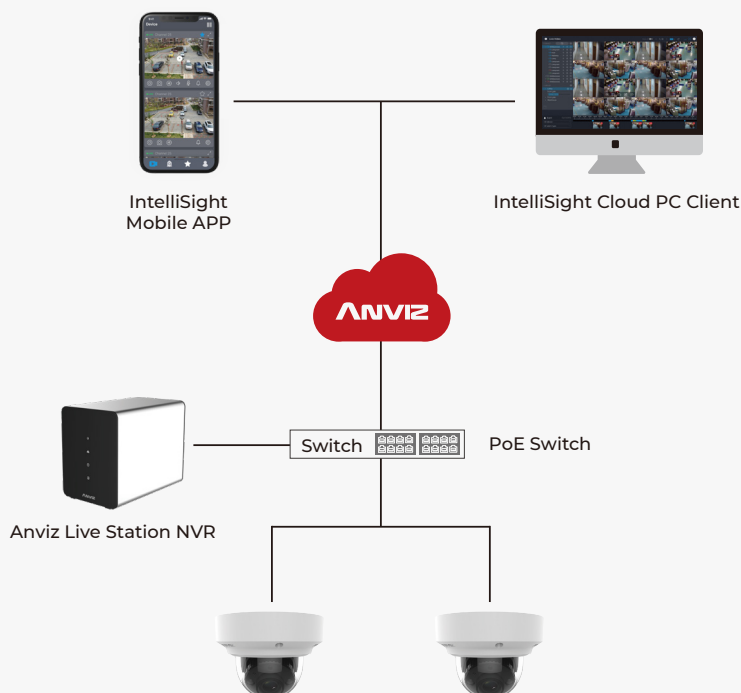**Remote Access and Management**
The camera could easily link to cloud and the IntelliSight mobile APP let you access to and manage the camera from anywhere using an iOS or Android smartphone.

■ Product Dimer

110mm
(4.33")

■ System Configurations

IntelliSight
Mobile APP

IntelliSight Cloud PC Client

3rd Party Surv

ONVIF/SDK

Switch — PoE Switch

Anviz Live Station NVR

Switch — PoE Switch

iCam-D48Z
8MP AI IR Weather-Proof Dome Network Camera

■ Specifications

Model	iCam-D48Z
Camera	
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
Lens	
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
Illuminator	
IR Range	Up to 40m (1574.80")
Wavelength	850nm
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, Autowhitebalance
Image Enhancement	Lens Distortion Correction, Defog, 2D/3D DNR
S/N Ratio	39dB
Dynamic Range	>74dB
Others	OSD, ImageFlip, 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, 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, IPv4, IPv6
Compatibility	ONVIF, GB28181, CGI API
Management	Intellisight Cloud Desktop Software, IntelliSight Mobile APP
Interface	
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
General	
Power Supply	DC12V 1A/POE(IEEE 802.3af)
Power Consumption	<12W
Operating Conditions	-30℃ to 60℃ (-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 flexbile 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.
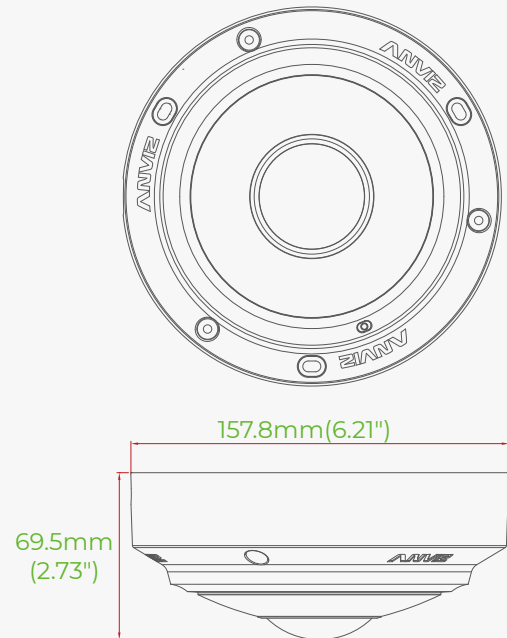
Crisp Night Vision
The infrared LEDs with an automatic IR cut filter and the enhanced low-light design delivers pristine image clarity, even in harsh weather or dark areas.
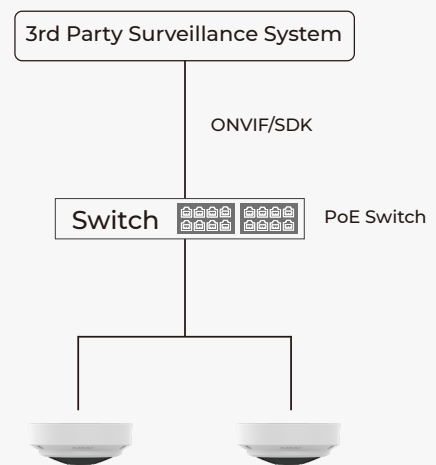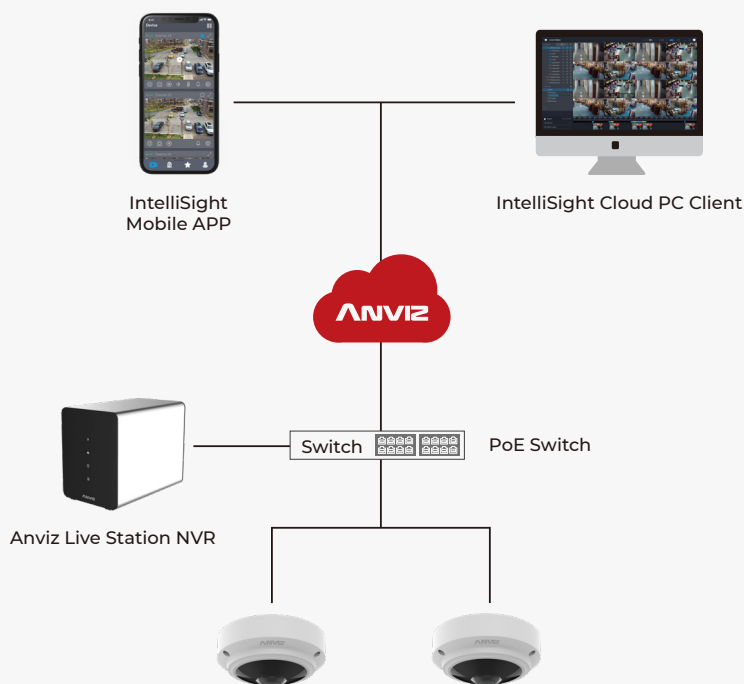
Remote Access and Management
The camera could easily link to cloud and the IntelliSight mobile APP let you access to and manage the camera from anywhere using an iOS or Android smartphone.

■ System Configurations

IntelliSight Mobile APP

IntelliSight Cloud PC C

Switch | PoE Switch

Anviz Live Station NVR

iCam-D48F

8MP AI Fisheye Dome Network Camera

■ Specifications

Model	iCam-D48F
Camera	
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
Lens	
Mount Type	Fixed M12
Focal Length	1.7mm (0.07")
Aperture	F2.0
FOV	185°(H)
Iris Type	/
Illuminator	
IR Range	Up to 15m (590.55")
Wavelength	850nm
Audio	
Audio Compression	G.711, G.72 6, 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)
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
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, ImageFlip, 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, 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, IPv4, IPv6
Compatibility	ONVIF, GB28181, CGI API
Management	IntelliSight Cloud Desktop Software, IntelliSight Mobile APP
Interface	
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
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
Weight	2.5KGS
Dimensions	Φ158*70mm (Φ6.22*4.33")

Onvif

Live Station 2

4K 32CH Dual HDD NVR

Metal Casing and
Stylish Design

Large
Storage

H.264
H.265

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 flexble 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.
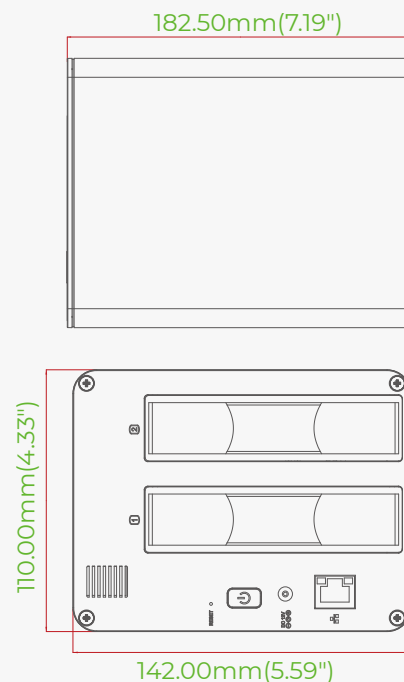
■ System Configurations

IntelliSight Mobile APP

IntelliSight Cloud PC Client

Anviz Live Station NVR

Switch / PoE Switch

ANVIZ Solution

■ Specifications

Model	Live Station 2
System	
CPU	high-performance quad-core processor
OS	Embedded Linux
Cloud	Support ANVIZ Cloud Service
Channel Operating	Liveview, Recording, IPCamera management and Setting
Video(Remote)	
Liveview	Live audio and video Stream, PTZ Control, Image Setting
Playback	Up to 4CH playback, Recording file downlaod
Record	
Recording Resolution	4K/5M/1080P/720P
Maximum Storage	Up to 16TB (8TB *2)
Recording Mode	Manual, Schedule, Alarm
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, NTP, IGMP, IPv4
Compatibility	ANVIZ SDK
Management	IntelliSight Cloud, IntelliSight Mobile
Interface	
Ethernet	1 RJ45 (10/100/1000Mbps)
LED Indicator	System, Cloud Status, HDD Status
SATA	2 SATA Port
Reset	Reset by Software Application
General	
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)
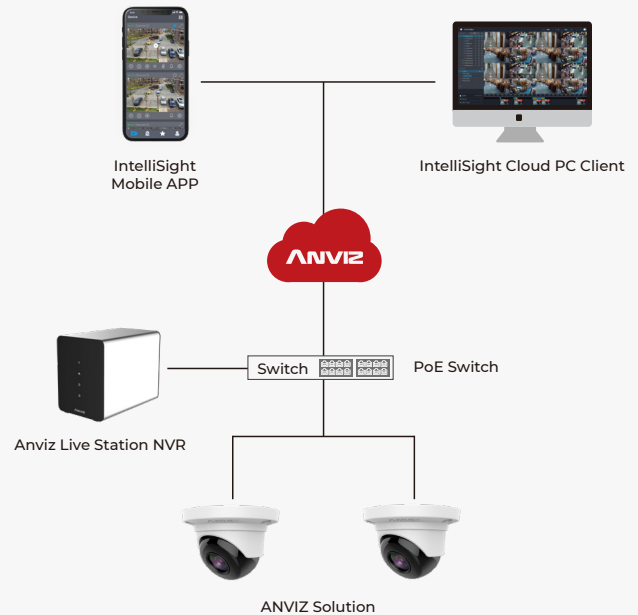
■ Product Dimensions

182.50mm(7.19")

110.00mm(4.33")

142.00mm(5.59")

Live Station 4

4K 64CH Four HDD NVR

Onvif

ANVIZ

POWER

| 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 flexble 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.
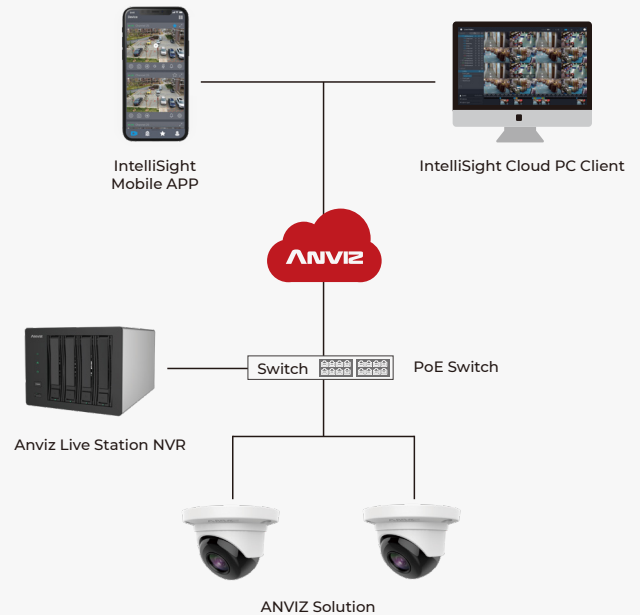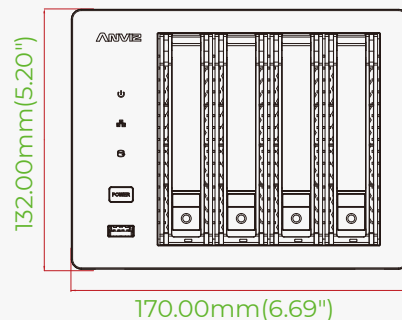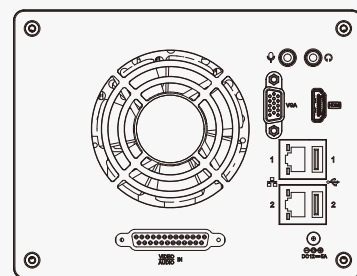
■ Specifications

Model	Live Station 4
System	
CPU	high-performance quad-core processor
OS	Embedded Linux
Cloud	Support ANVIZ Cloud Service
Channel Operating	Liveview, Recording, IPCamera management and Setting
Video(Remote)	
Liveview	Live audio and video Stream, PTZ Control, Image Setting
Playback	Up to 4CH playback, Recording file downlaod
Record	
Recording Resolution	4K/5M/1080P/720P
Maximum Storage	Up to 32TB (8TB *4)
Recording Mode	Manual, Schedule, Alarm
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, NTP, IGMP, IPv4
Compatibility	ANVIZ SDK
Management	IntelliSight Cloud, IntelliSight Mobile
Interface	
Ethernet	2* RJ45 (10/100/1000Mbps)
LED Indicator	System, Cloud Status, HDD Status
SATA	4 SATA Port
Reset	Reset by Software Application
General	
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

IntelliSight Mobile APP

IntelliSight Cloud PC Client

ANVIZ

Anviz Live Station NVR

Switch

PoE Switch

ANVIZ Solution

■ Product Dimensions

132.00mm(5.20")

170.00mm(6.69")

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