



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



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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

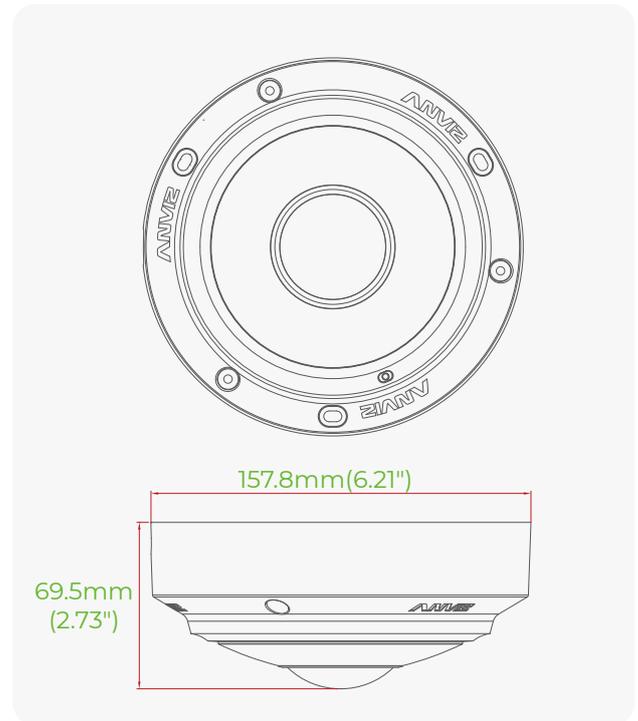
The infrared LEDs with an automatic IR cut filter and the enhanced low-light design delivers pristine image clarity, even in harsh weather or dark areas.



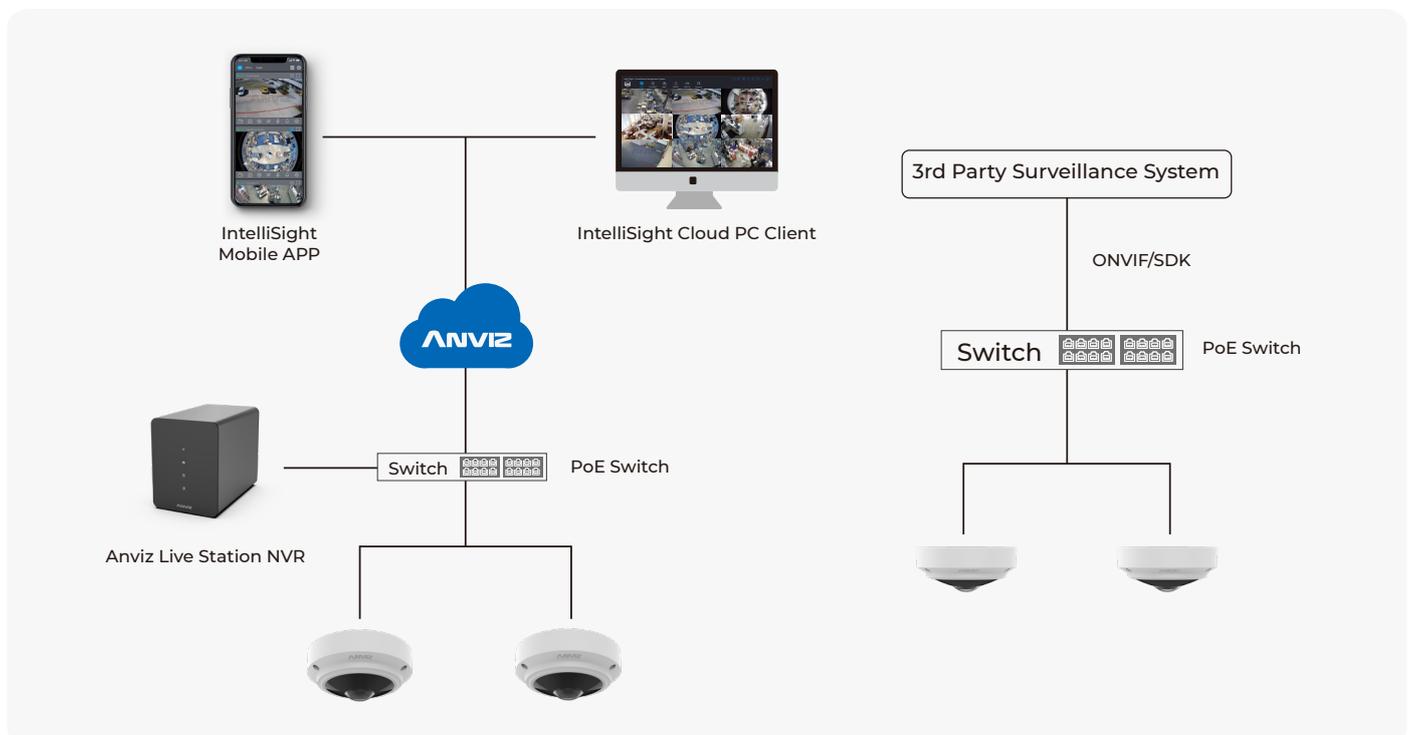
Remote Access and Management

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.

Product Dimensions



System Configurations



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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	Ø158*70mm (Ø6.22*4.33")	