



# 5/12 Megapixel H.265 Fisheye Network Camera



IP67

IK10

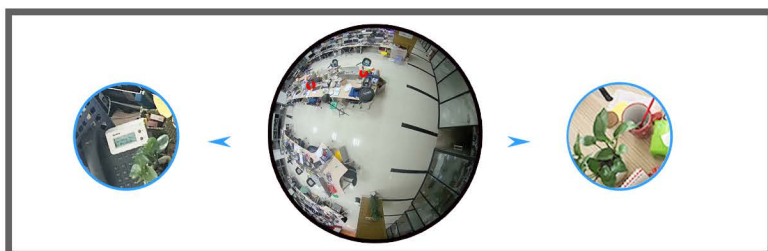
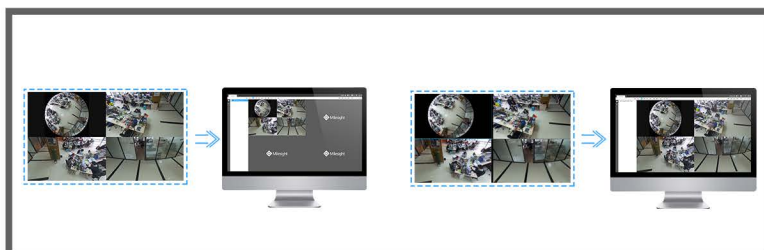
DI-F500 / DI-F1200

## KEY FEATURES

- ▶ **Smart Stream** (Bandwidth, storage and bit rate save with Smart Stream ON, eg, H.265+ save 70%~80% bandwidth of H.264.)
- ▶ **User-friendly Interface Design** ( Three different installation modes to choose including " Ceiling" "Wall" and "Flat".)
- ▶ **Powerful De-warp Capability** (Seven display modes including 1O, 1P, 2P, 1O3R, 4R, 1P3R and 1O1P3R.)
- ▶ **Multi-interface** (Easy installation with built-in Microphone, Audio Out, Alarm I/O and DC12V.))
- ▶ **Super WDR**(up to 12dB . Record greater scene details with true color reproduction.)
- ▶ **128G** (Supporting ultra-large external micro-SD/ SDHC/ SDXC/ card storage up to 128G.)
- ▶ **Video Content Analysis** (With 10 detection modes, VCA greatly enhances the performance bringing comprehensive.)

## Two Kinds of Compatible Mode

Fish Camera offers Bundle-Stream Mode and Multi-Channel Mode to meet different needs. The Bundle-Stream Mode combines all the channels into one and sends to NVR or VMS, which is easy for compatibility. The Multi-Channel Mode sends all the original channels to NVR or VMS, so the channels can be modified separately.



## 12MP Ultra High Resolution

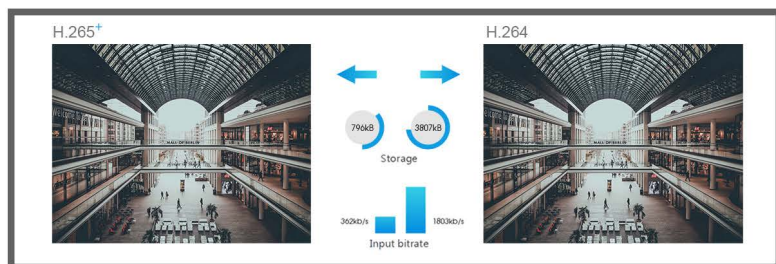
Fish-eye Network Camera features with up to 12MP ultra high resolution better restoring the images to guarantee superb image quality. The camera is a special model which produces spherical image and will have the dewarp process to adjust the original images to fit human eyes. The process may cause the pixel losing. That is why the high resolution is vital for a fish-eye camera.

## 360° Panoramic Experience

The camera could easily reach the effect of over 4 regular network cameras with higher deficiency. Bringing 360° surround view with zero blind spots, it is able to provide comprehensive coverage of open areas such as airports, shopping malls, parking lots, retail stores, offices and more.



# H.265 Fisheye Network Camera

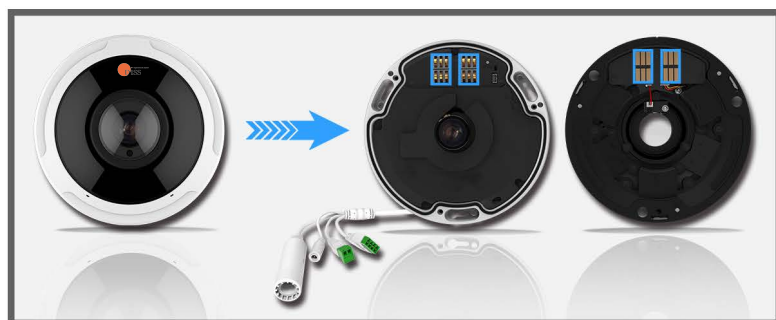


## Stunning H.265+ Codec

H.265+ Series network cameras with the latest H.265+ compression codec reduce 70%~80% of bandwidth occupancy compared with H.264 while maintaining high visual quality, which boost the overall capacity of cameras.

## Smart IR II Technology

The Smart IR II Technology has been upgraded to provide videos with a viewing range of up to 15m. Three LEDs work as High Beams and three LEDs work as low Beams for better image clarity and quality. The advanced IR technology allows even IR light distribution in different situation and the brightness of High Beams and low Beams can be adjusted manually. Moreover, with the IR anti-reflection panel, the infrared light transmittance is highly increased.



## Exquisite Design

The body design of the camera insists on the idea of neatness and exquisiteness. As a whole, the screw-free design and Multiple-interface Cable keep the body neat. The Power Supply Board replaced the traditional way of power supply with cable which freeing interior space, marking the camera an art of surveillance inside and out.

## Robust & Reliable Performance

Featuring IP67 Weather-proof and IK10 Vandal-proof, the camera shields its sensitive electronics from dust and water, which ensures stable operation in all weather conditions. Also protect itself from the unexpected violence, guaranteeing the smooth running to avoid potential damages.



# H.265 Fisheye Network Camera

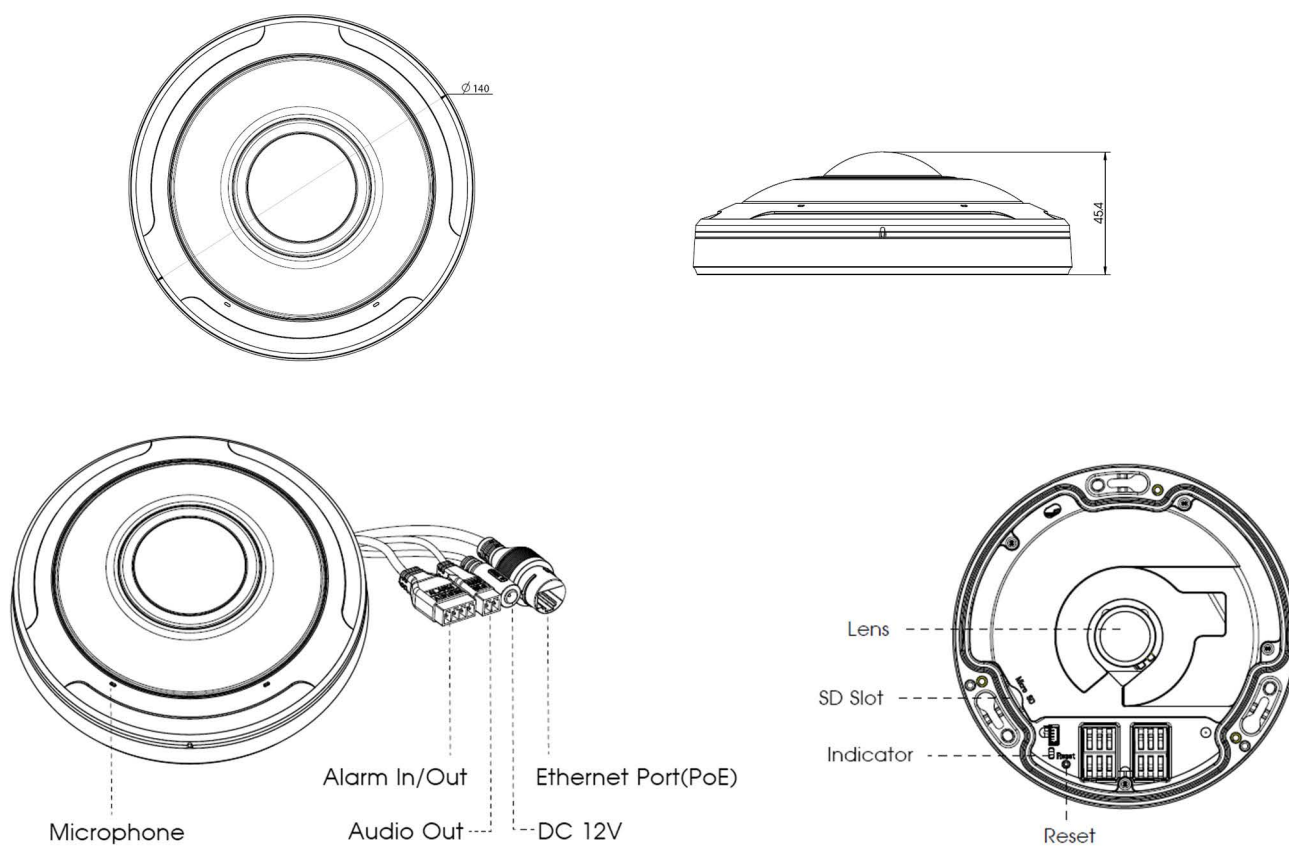


	Model	DI-F500 (5MP)	DI-F1200 (12MP)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS
	Min. Illumination	Color: 0.005Lux@F1.2 B/W: 0Lux with IR on	Color: 0.01Lux@F1.2 B/W: 0Lux with IR on
	WDR	120dB Super WDR	
	Lens	1.25mm @F2.8	1.98mm @F2.8
	Mount	M12	
	Field of View	Ceiling Mount: 360°; Wall Mount: 180°; Flat Mount: 360°	
	Shutter Time	1/100000s~1s	
	IR Distance	Up to 15m	
	Day&Night	ICR Filter Auto Switch	
Video	Max. Image Resolution	2592x1944	4000x3000
	Primary Stream	Fisheye View: 30fps@(2592x1944, 1944x1944, 1280x1280)	Fisheye View: 25fps@(4000x3000), 30fps@(3000x3000, 2560x2560, 1920x1920, 1280x1280)
	Secondary Stream	Fisheye View: 30fps@(1280x960, 1024x1024, 720x720, 320x320)	
	Video Compression	H.265+/H.265(HEVC)/H.264+/H.264	
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	
	Image Setting	Brightness/Contrast/Saturation/Sharpness	
Display	Mount Mode	Ceiling Mount/Wall Mount/Table Mount	
	Display Mode	Fisheye View, 360 Panorama View, 180 Panorama View, 4PTZ, Fisheye + 3PTZ, Panorama View+3PTZ, Fisheye + Panorama View+ 3PTZ	
Network	Ethernet	1*RJ45 10M/100M/1000M Ethernet Port	
	Network Storage	NAS(Support NFS, SMB/CIFS)	
	Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	
Audio	Audio Compression	G.711/AAC	
	Audio I/O	1/1	
System	Alarm I/O	1/1	
	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 128G	
	Advanced Function	Motion Detection, Privacy Masking, Backlight Compensation, HLC, 2D DNR, 3D DNR, ROI, Anti-fog, White Balance, EIS, IP Address Filtering	
	SIP/VoIP Support	Yes, Voice & Video-over-IP	
	Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, External Input, etc.	
	Event Action	FTP Upload/ SMTP Upload/ SD Card Record/ External Output/ SIP Phone	
	Video Analysis (Optional)	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed	
	System Compatibility	ONVIF Profile S & G	
General	Working Temperature	-30℃~60℃	
	Working Humidity	0~90%(Non-condensing)	
	Power Supply	PoE (802.3af)/ DC 12V±10%	
	Power Consumption	4.8W MAX 8W MAX (With IR on)	
	Weather Proof	Up to IP67-rated for Weather-resistant Performance	
	Housing	Vandal-proof IK10-rated Metal Housing	
	Weight	1100g	
	Dimensions	Φ140mmX45.4mm	

# H.265 Fisheye Network Camera



## Structure Diagrams



Units: mm

## Accessories Support

### A72 Wall Mount

Weight: 560g  
Dimensions: 240\*160\*136mm



### A75 Junction Box

Weight: 200g  
Dimensions: 155.5\*167\*33.5mm



### A76 Pendant Mount

Weight: 620g  
Dimensions: 136\*L (L is default as 300mm, also can be extended with A76-L)



### A76-L Extension Lever

Weight: 315g  
Dimensions: 34\*300mm

