# Milesight

# 360° Panoramic H.265$^+$ Fisheye Network Camera

**IP67**

**IK10**

| | |
|---|---|
| **H.265$^+$ HEVC** | Weather Proof |
| Vandal-proof | IR |
| SDXC | Mic |
| Privacy Masking | POE |
| Profile S G T Onvif | VCA |

**DATASHEET**

## KEY FEATURES

▸ **Smart Stream** (Bandwidth, storage and bit rate are saved with Smart Stream On, eg, H.265$^+$ saves 70%~80% bandwidth that of H.264.)

▸ **User-friendly Interface Design** (Three different installation modes to choose including "Ceiling", "Wall"and "Flat".)

▸ **Powerful Dewarp Capability** (Dewarping the original Fisheye View into other display modes while remaining the high image quality.)

▸ **Multi-interface** (Easy installation with built-in Microphone, Audio I/O, Alarm I/O and DC12V.)

▸ **120dB Super WDR** (Excellent performance even when the ratio of the luminosity of brightest and darkest is up to 120dB.)

▸ **256G** (Supporting ultra-large external microSD/SDHC/SDXC card storage up to 256G.)

▸ **Video Content Analysis** (With 10 detection modes, VCA greatly enhances the performance bringing comprehensive surveillance functions.)

## Two Kinds of Compatible Modes

Milesight Fisheye 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.
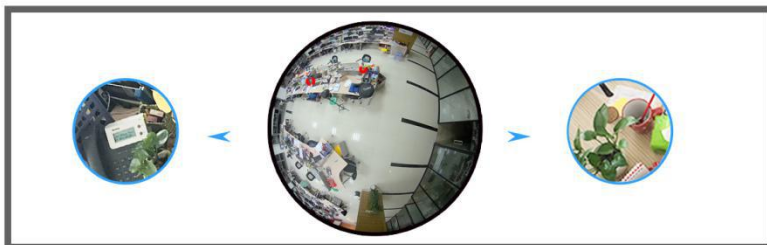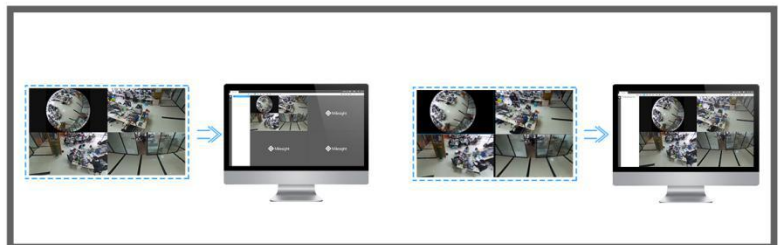
## 5/12MP Ultra High Resolution

Fisheye Network Camera features with up to 5/12MP 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 fisheye camera.

## 360° Panoramic Experience

The camera could easily reach the effect of over 4 regular network cameras with higher efficiency. 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.

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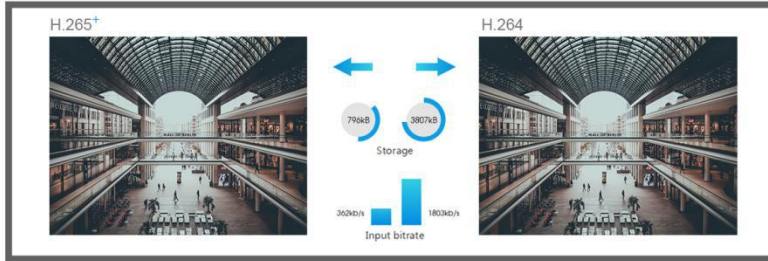
## Stunning H.265$^+$ Codec

Milesight 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 upgrade to provide videos with a viewing range of up to 15m. The advanced IR technology allows even IR light distribution in different situation and the brightness can be adjusted manually. Moreover, with the IR anti-reflection panel, the infrared light transmittance is highly increased.
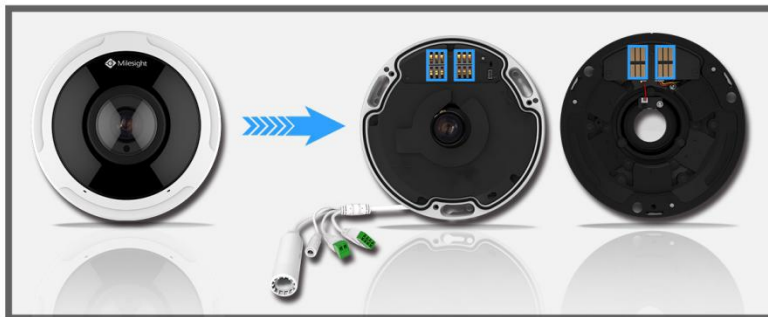


## Exquisite Design

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, making 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.
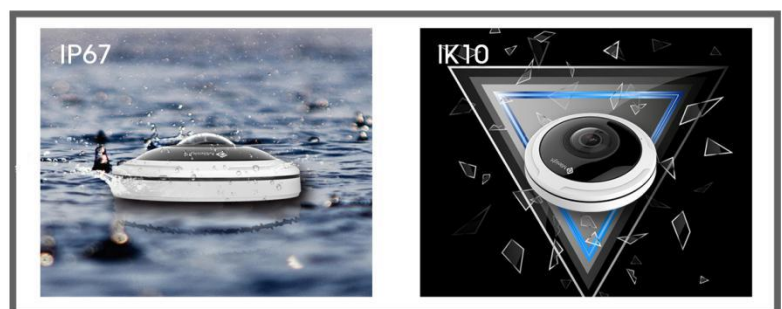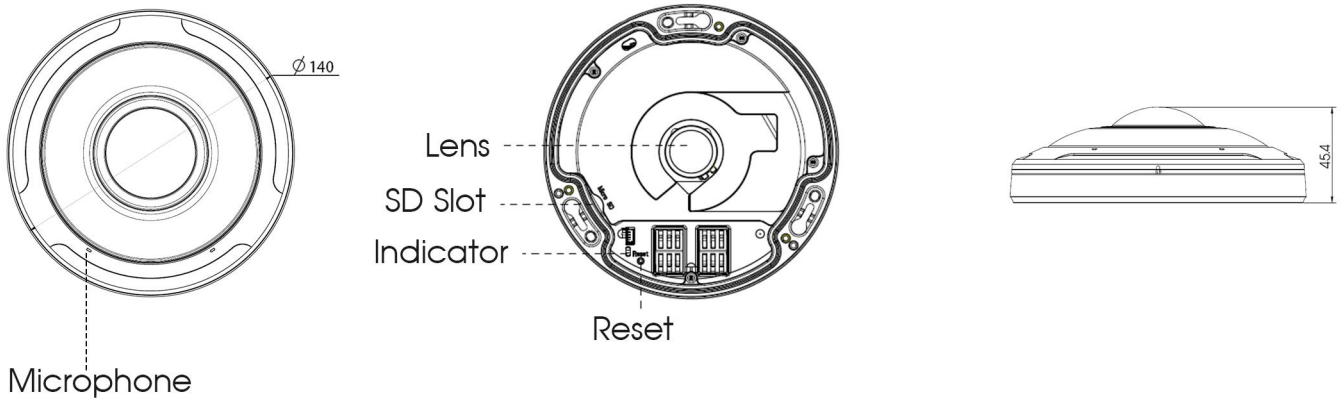
# 360° Panoramic H.265$^{+}$ Fisheye Network Camera

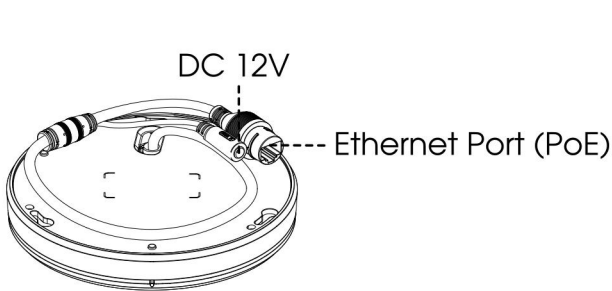| | Model | MS-C5374-PB (5MP) | MS-C9674-PB (12MP) |
|---|---|---|---|
| **Camera** | Image Sensor | 1/2.8" Progressive Scan CMOS | 1/1.7" Progressive Scan CMOS |
| | Min. Illumination | Color: 0.005Lux@F1.2<br>B/W: 0Lux with IR on | Color: 0.01Lux@F1.2<br>B/W: 0Lux with IR on |
| | WDR | 120dB Super WDR | |
| | Lens | 1.25mm @F2.0 | 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 | |
| | S/N | >55dB | |
| **Video** | Max. Image Resolution | 2592x1944 | 4000x3000 |
| | Primary Stream | Fisheye View: 30fps@(2592x1944, 2048x1536, 1944x1944, 1536x1536, 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/Flat Mount | |
| | Decoding Mode | On-board Dewarping/Client-side Dewarping | |
| | Display Mode | Fisheye View, 360 Panoramic View, 180 Panoramic View, 4PTZ, Fisheye + 3PTZ, Panoramic View+3PTZ | Fisheye View, 360 Panoramic View, 180 Panoramic View, 4PTZ, Fisheye + 3PTZ, Panoramic View+3PTZ, Fisheye + Panoramic View+ 3PTZ |
| **Network** | Ethernet | 1*RJ45 10M/100M Ethernet Port | 1*RJ45 10M/100M/1000M Ethernet Port |
| | Network Storage | NAS(Support NFS, SMB/CIFS) | |
| | Protocol | IPv4/IPv6, ARP, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL | |
| **Audio** | Audio Compression | G.711/AAC/G.722/G.726 | |
| | Audio I/O | Built-in Microphone | Built-in Microphone and Audio Input/Output interface |
| **System** | Alarm I/O | - | 1/1 |
| | Storage | Support microSD/SDHC/SDXC Card Local Storage, up to 256G | |
| | Advanced Function | Auto Tracking, Heat Map, Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, ROI, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur | |
| | SIP/VoIP Support | Yes, Voice & Video-over-IP | |
| | Event Trigger | Motion Detection, Network Disconnection, Audio Alarm, etc. | Motion Detection, Network Disconnection, Audio Alarm, External Input, etc. |
| | Event Action | FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc. | FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc. |
| | 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 & T | |
| **General** | Working Temperature | -40℃~60℃ | |
| | Working Humidity | 0~90%(Non-condensing) | |
| | Power Supply | PoE (802.3af)/ DC 12V±10% | |
| | Power Consumption | 4.2W MAX<br>6.6W MAX (With IR on) | 4.8W MAX<br>8W MAX (With IR on) |
| | Housing | Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance | |
| | Weight | 1100g | |
| | Dimensions | Φ140mmX45.4mm | |
| | Warranty | 3/5 Years | |

## Structure Diagrams

∅ 140

45.4

Lens

SD Slot

Indicator

Reset

Microphone

**5MP Fisheye Camera**

DC 12V

Ethernet Port (PoE)

**12MP Fisheye Camera**

DC 12V

Audio I/O

Ethernet Port (PoE)

Alarm I/O

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

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