

Fish-eye Cameras with 360° Panoramic View 12MP Resolution

- FISH EYE SOLUTION
- 12 MP RESOLUTION
- 360° PANORAMIC WITH 100dB WDR
- FULL RESOLUTION
- DE-WARP ON CAMERA
- POWERFUL IR LEDs



This is the perfect solution to get a 180° or 360° view of any space. It is able to provide the best panoramic recording of events and the best possible detail with 6MP resolution. This covers a wide-ranging area that normally requires multiple cameras to capture.

All images registered by this fisheye camera are “de-warped” to give an all angle view from a single 4000x3000 pixel stream. This network camera has Onvif compliance. It delivers 12MP resolution no matter the orientation, and can record at either 180° or 360°. When it has 180°, it's also possible to deliver from e-PTZ or ROI (Region of Interest) panoramic wall stream.

CAMERA CHARACTERISTICS

| | |
|---------------------------|---|
| RESOLUTION | 4000 x 3000 @20fps / 3072 x 3072 @30fps |
| LIGHT SENSIVITY | 0.009 Lux B/W (0 Lux IR LED On) |
| CAMERA TYPE | True Day / Night with ICR Filter. |
| | ADC light level to allow user defined day/night switch |
| FISH-EYE LENS | 12 Mega pixel 6th Gen. f1.8mm F=2.0 360° |
| ELECTRONIC SHUTTER | Auto / User 1/5 - 1/10,000 ; 50/60Hz software selectable |
| MEMORY CARD | Micro SDXC Max 128GB |
| SIGNAL NOISE RATIO | 60dB |

IR ILLUMINATION

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|----------------------------|---------------------------------|
| INFRARED WAVELENGTH | 850nm |
| IR LEDs | 6pc High Powered Super Flux LED |
| IR DISTANCE | 10 Meters (66 feet) |

VIDEO

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|-----------------------------|---|
| COMPRESSION | H.264/H.265 High/Main/Base Profile. |
| STREAMING | De-Warp with 4 modes 1P/3P/5P/7P |
| QUALITY SETTING(VBR) | 1 - 9 (9 Highest) |
| I FRAME | User selection value |
| ePTZ | Set position of the de-warp stream origin. 0-360 for fisheye, and 0-180 for wall mount. |
| GAIN CONTROL | Auto / Fixed 8~102dB |
| ORIENTATION | Horizontal Mirror / Vertical Flip |
| TEXT OVERLAY | Time / Date / Camera / Custom OSD |
| MASKING | User defines masking areas, area follow ePTZ area |

AUDIO

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|--------------------------|------------------------------------|
| INPUT / OUTPUT | Optional Microphone: 1 x RCA Input |
| OUTPUT | 1 x RCA Out- put @ 1V Line Level |
| AUDIO COMPRESSION | G711 A-law, G711 u-law , RAW_PCM |

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NETWORK

| | |
|---|---|
| ETHERNET | 1 Ethernet (10/100 Base-T) RJ45 Connector |
| TCP/IP | IPv4 / IPv6 (DHCP / Fixed) |
| COMPLIANCE | Onvif v2.6 (Profile S) |
| RTSP VIDEO | Standard RFC2326, Support Quicktime / VLC Player. User security authentication (Enabled / Disabled) |
| WEB LANGUAGE | English, Chinese, Russian, Polish |
| RECORDING SIMULTANEOUSLY PROTOCOLS | Local Micro SD Memory, Remote FTP server, TCP/ UDP CMS, RTSP connection . HTTP, TCP/IP, UDP/IP, RTSP, FTP, DHCP, NTP, PP- PoE, NTP. Unicast and Multicast supported. Video streaming from SDK & NVMS / NVR software or 3rd party applications. User Ports setting for Web port, RTSP Port, and SDK Control Port and Alarm Port. |

ELECTRICAL

| | |
|---------------------------|----------------------------------|
| POWER INPUT | 12V DC Terminal / PoE 802.3af |
| POWER CONSUMPTION | 5W / Max 8W(LED On) PoE Class3 |
| PHYSICAL | |
| DIMENSIONS | 162 x 50.8 mm (6.37" x 2") |
| WEIGHT | 0.3kg / 0.66lb |
| MOUNTING | Wall & Ceiling Mountable |
| ENVIRONMENTAL | |
| PROTECTION | IP67 / IK10 |
| TEMPERATURE | -40°F to 140°F -40°F TO 140°F |
| OPERATING HUMIDITY | 10% - 90% RH |
| CERTIFICATIONS | |
| CE | Yes |
| FCC | Yes |
| RoHS | Yes |

