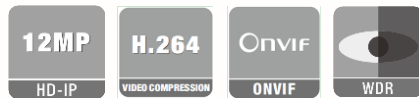




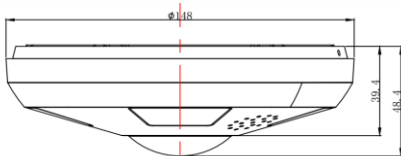
## 12MP 360° Fisheye IR Camera

### Features

- Sony 1/1.7" 12.4MP CMOS sensor
- Built-in unwarping function – digital pan/tilt/zoom
- Flexible viewing composition: original fisheye view + 4 unwarped views
- Enhancements: D-WDR, 3D NR, BLC
- Micro SD slot for recording
- Privacy masks
- ONVIF (Profile S)



### Dimensions



### Specifications

Model	NS12-F22W
<b>CAMERA</b>	
Image Sensor	Sony 1/1.7" 12.4MP CMOS sensor
Effective Pixel	4072 (H) x 3046 (V)
Resolution	Original fisheye view: 2048 x 2048; Double panoramic view: 1920 x 1080; Unwarped view: 1920 x 1080
Video Compression	H.264 (128kbps – 8192kbps)
Audio Compression	G.711U (64kbps)
Open Standard	ONVIF (Profile S)
Min. Illumination	0.0 lux (IR on)
IR Range	20m
Sync System	Internal
Scan System	Progressive scan
Lens	Horizontal 185° field angle, 360° look around
Electronic Shutter	Auto / manual (1/25-1/10000) / FLK
S/N Ratio	≥50db (AGC off)
<b>CONTROL</b>	
Video Adjustment	Brightness, colour, contrast, sharpness, saturation
3D Noise Reduction	On / off
BLC	On / off
Low Illumination	On / off
Auto Gain Control	Auto / on / off
Day / Night Mode	B/W, colour, auto
White Balance Mode	Auto / white low lamp / color temp / sunshine / dark clouds / flash light / water bottom / customized
Privacy Mask	Yes
Mirror	Horizontal / vertical
<b>EVENT</b>	
Event Type	External alarm, video motion detection
Action Type	Dial-back, snapshot, relay switch control, email notification, micro SD card recording
External Alarm Input	1
Relay Output	1
<b>COMMUNICATION</b>	
Network	RJ-45, 100 base-T
Protocol	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, SMTP(SSL), PPPoE, NTP, UPNP, FTP
Concurrent Connection	5
Audio Input	1
Audio Output	1
Video Output	1 (CVBS)
RS485	1 (half duplex)
<b>MISCELLANEOUS</b>	
Operating Environment	-30 ~ 60°C / 90% relative humidity (no condensation)
Power Supply	DC12V/PoE, 12W (IR On)
Dimensions (mm)	48 (H) x Φ148 (D)
Weight	1110g



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