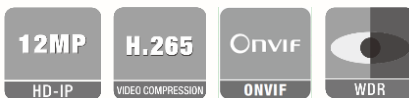




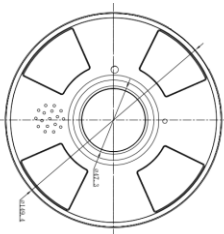
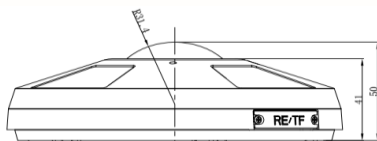
# 12MP 360° H.265 Panoramic Camera

## Features

- Sony 1/1.7" 12MP CMOS sensor
- Built-in dewarping function – digital pan/tilt/zoom
- Flexible viewing composition: original fisheye view, single/double panoramic view, dewarped view
- Automatic network replenishment (ANR)
- Day/Night (ICR), WDR, 3D NR, defogging
- Micro SD slot for recording
- Privacy masks
- ONVIF (Profile S)
- Power over Ethernet (PoE)



## Dimensions



## Specifications

Model	NS12-F22W
<b>CAMERA</b>	
Image Sensor	Sony 1/1.7" 12MP CMOS sensor
Effective Pixel	4000 (H) x 3000 (V)
Viewing Modes	Fisheye view; Fisheye + panoramic view; Fisheye + 3 dewarped views; Fisheye + 4 dewarped views; Fisheye + panoramic view + 3 dewarped views
Resolution	Up to 4000 x 3000@20fps; 3000 x 3000@25/30fps (main stream); Up to D1 @25/30fps (sub stream);
Installation Modes	Ceiling, wall, ground
Video Compression	H.265, H.264, M-JPEG (16kbps – 16Mbps)
Audio Compression	G.711U (64kbps)
Open Standard	ONVIF (Profile S)
Min. Illumination	0.0 lux (IR on)
IR Range	10m (radius)
Sync System	Internal
Scan System	Progressive scan
Lens	Horizontal 185° field angle, 360° look around
Electronic Shutter	Auto / manual (1/25-1/10000) / FLK
<b>CONTROL</b>	
Video Adjustment	Brightness, contrast, saturation, sharpness, hue
3D Noise Reduction	Close / low / mid / mid-high / high
Digital WDR	Close / low / mid / high
Auto Gain Control	Low / mid-low / mid / mid-high / high
Day / Night	Auto / color / B/W / external
Privacy Mask	4 zones
Mirror	Close / horizontal / vertical / 180° rotation
Defogging	Close / low / mid / high
Slow Shutter	Close / open
<b>EVENT</b>	
Event Type	External alarm, video motion detection, video tamper, network interruption
Action Type	Dial-back, snapshot, relay switch control, email notification, micro SD card recording
External Alarm Input	1
Motion Detection	4
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	4
Audio Input	1
Audio Output	1
Video Output	1 (CVBS)
<b>MISCELLANEOUS</b>	
Operating Environment	-10 ~ 50°C / 90% relative humidity (no condensation)
Power Supply	DC12V / PoE, 15W
Dimensions (mm)	50 (H) x Φ149 (D)
Weight	790g



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