

## 12 Megapixel Fisheye Dome



# Model : ZN8-F12F18-NIR

## Specification

<b>Model</b>	ZN8-F12F18-NIR
<b>Image Sensor</b>	1/1.7: Progressive Scan CMOS
<b>Minimum Illumination</b>	Color: 0.009 Lux@(F1.2, AGC ON), B/W: 0 Lux@ (IR LED ON)
<b>Day/Night</b>	True Day / Night (ICR)
<b>Digital Zoom</b>	Yes
<b>Shutter Speed</b>	1/5 – 1/20000
<b>Auto Iris</b>	Yes
<b>Wide Dynamic Range</b>	dWDR
<b>Digital Noise Reduction</b>	2D / 3D
<b>Lens</b>	1.8 mm.
<b>Field of View</b>	360 °
<b>IR LED</b>	6 IR LEDs (30' range)
<b>Video Compression</b>	H.265, H.264 High / Main / Baseline Profile, MJPEG
<b>Bit Rate (CBR/VBR)</b>	Main stream: 500Kbps-16Mbps; Sub stream 100Kbps-8Mbps
<b>Audio Compression</b>	G.711, RAW_PCM
<b>Max Resolution</b>	4000 x 3000 (12 Megapixel)
<b>Stream</b>	Stream1 :4000x3000@20fps, 3072x3072 , 2560x2560@30fps Stream2 : 1280x960@20fps, 720x720@30fps

<b>Image Setting</b>	Rotate Mode, Saturation, Brightness, Contrast, Sharpness
<b>Dewarping</b>	1F+3/5/7,4PTZ, Fisheye, 180/360 degrees panorama
<b>Image Enhancement</b>	HLC / Defog
<b>Network Protocols</b>	IPv4,IPv6,IEE802.1x,HTTP, HTTPS,TCP/IP,UDP/IP,RTSP,DHCP,NTP,RTCP/RTP,PPPoE,SMT P,DNS,UPnP,FTP,ICMP,IGMP, Unicast & Multicast
<b>Alarm Trigger</b>	Motion detection, Network disconnect, Disk alarm, I/O alarm
<b>RTSP Video</b>	Standard RFC2326, Support QuickTime / VLC Player
<b>Security</b>	User Security authentication, Reset, Hardware WatchDog
<b>Language</b>	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian
<b>Ethernet</b>	1 Ethernet (10/100 Base-T) IEEE802.3 POE , RJ-45 Connector
<b>Audio In / Out</b>	1 Ch Audio in / 1 ch Audio out (Built-in Microphone)
<b>Alarm In / Out</b>	1 Ch Alarm in / 1 Ch Alarm out
<b>Edge Storage</b>	Micro SD/SDHC/SDXC slot, Max 128GB
<b>Power supply</b>	12VDC / 24VAC / PoE
<b>Power Consumption</b>	5W (IR LED Off) / 8W IR LED (On)
<b>Operating Temperature/ Humidity</b>	Starting Temp: -30°C ~ 60°C Working Temp: -40°C ~ 60°C
<b>Weather Rating</b>	IP67
<b>Dimensions</b>	6.3"(Ø) x 1.8"(H) / 160mm(Ø) x 46.8mm(H)
<b>Weight</b>	1.5lbs / 700g
<b>Certifications</b>	CE, FCC, ONVIF (Profile S)