



12 Megapixel IP Fisheye Dome



ZN8-F12F18NL

The GENSTAR fisheye camera delivers 12 Megapixel resolution in a 360° panoramic dome. Its unique dewarping function allows a non-distorted view of the 360° image. The dome features a fixed 1.8mm lens and 6 Smart IR LEDs suitable for up to a 49' range.

Features:

- 12 Megapixel Resolution
- 1/1.7" Progressive Scan CMOS
- 360° Panoramic
- 3D DNR, dWDR, ICR, HLC, BLC, ROI, Defog, EIS
- 6 Smart IR LEDs (49' range)
- Multiple Dewarping Mode
- PoE / 12VDC
- IP66 for all weather conditions

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■ Specifications

ZN8-F12F18NL		
CAMERA	Image Sensor	1/1.7" Progressive Scan CMOS
	Minimum Illumination	Color: 0.009 Lux @ (F1.2,AGC ON), B/W: 0 Lux @ (IR LED ON)
	Day / Night Performance	True Day / Night (ICR)
	Shutter Speed	1/5 - 1/20000
	Iris	Fixed
	Wide Dynamic Range	dWDR
	Digital Noise Reduction	2D / 3D
	Lens	1.83mm
	Field of View	360° (180° x 180°)
	SMART IR LED	6 IR LEDs (49' range)
IMAGE	Video Compression	H.265 High / Main / Baseline Profile, MJPEG
	Bit Rate (CBR / VBR)	Main stream:500Kbps-16Mbps; Sub stream 100Kbps-8Mbps
	Audio Compression	G.711, RAW PCM
	Max. Resolution	12 Megapixel (4000 x 3000) @ 20fps
	Stream	Stream1: 4000x3000 @20fps, 4096x2160/3840x2160/ 3000x3000/2560x2560/1920x1080 @25/30fps Stream 2:1280x960/D1/720x720 @25/30fps
	Image Setting	Rotate Mode, Saturation, Brightness, Contrast, Sharpness
	Dewarping	1F+3/5/7,4PTZ, Fisheye,180/360 degrees panorama
NETWORK	HLC	Yes
	Network Protocols	IPv4,802.1x,HTTP,HTTPS,TCP/IP,UDP/IP,RTSP,DHCP,NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, ICMP,IGMP, Unicast and Multicast
	Alarm Trigger	Motion detection, Network disconnect, Disk alarm ,I/O alarm
	RTSP Video	Standard RFC2326, Support QuickTime / VLC Player
	Security	User Security authentication, Reset, Hardware WatchDog
INTERFACE	Languages	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian
	Ethernet	1 Ethernet (10/100 Base-T) RJ-45 Connector
	Audio In / Out	1 Ch Audio in / 1 Ch Audio out (Built-in microphone)
	Alarm In / Out	1 Ch Alarm in / 1 Ch Alarm out
POWER	Edge Storage	Micro SD/SDHC/SDXC slot, Max 128GB
	Power Supply	12VDC / PoE
	Power Consumption	5W (IR LED Off) / 9W IR LED (On)
PHYSICAL	Operating Temperature/ Humidity	-40°F ~ 140°F / Less than 90% RH
	Weather Rating	IP66
	Dimensions	5.1"(Ø) x 1.5"(H) / 130mm(Ø) x 38.3mm(H)
	Weight	1.1lbs / 500g
	Certifications	CE, FCC, ONVIF (Profile S & G)

MOUNTING ACCESSORIES



Wall Mount
ZA8-CBK624F



Pendant Mount
ZA8-CBK625F