



# ZN8-DB5FX80P-GS

8MP 180° Panoramic Bullet Network Camera

## Key Features

- 2×4MP 1/2.8" progressive scan CMOS
- Output 180° wide angle splicing image
- Outputs max. 8MP(5120×1440)@25/30 fps
- Support human and vehicle detection
- Intelligent analysis: intrusion, single line crossing, double line crossing, loitering, wrong way, people counting, illegal parking and heat map
- True WDR, 3D DNR, ROI, Defog, HLC
- Built-in warm light and IR light, the max. illumination distance up to 30 m (98.4 ft)
- Audio 1ch in and 1ch out, built-in Mic and speaker, support two-way talk
- Alarm 1ch in and 1ch out, built-in SD card slot, up to 256GB
- IP66

# Specification

Camera	
Image Sensor	Dual 1/2.8" Progressive Scan CMOS
Max. Resolution	5120(H)×1440(V)
Electronic Shutter	Auto/Manual, 1/5 ~ 1/20,000s
Min. Illumination	Color: 0.01 Lux @ (F1.6,AGC ON) B/W: 0.001 Lux @ (F1.6,AGC ON) 0 Lux with Illuminator on
S/N Ratio	55dB
Illumination Distance	IR distance up to 20 m (65.6ft) Warm light distance up to 30 m (98.4ft)
Illumination On/Off Control	Auto/ Manual
Pan/Tilt/Rotation Range	Pan: 0°~360°, Tilt: 0°~90°, Rotation: 0°~360°
Lens	
Lens Type	Fixed-focal
Iris	Fixed Iris
Focal Length	2.8 mm
Aperture	F1.6
Angle of View	H: 180°
Video	
Streaming Capability	2 Streams
Stream/Frame Rate	Stream1: 5120×1440, @25/30fps Stream2: @25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 500Kbps~16Mbps Stream2: 100Kbps~8Mbps
Smart Encoder	Support
Region of Interest (ROI)	Support
Image	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Mirror	Support
White Balance	Auto/Manual
Day/Night Setting	Auto, Day, Night, Time
Smart Illumination	Support
Noise Reduction	2D/3D DNR
Image Enhancement	HLC, BLC, Defog, Anti-shake
Wide Dynamic Range	True WDR
Motion Detection	Support
Privacy Masking	Support

Audio	
Audio Compression	G.711, RAW_PCM
Audio Bit Rate	8kbps, 16kbps, 64kbps
Smart Function	
Smart Detection	Support human and vehicle detection
Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong way, People counting, Illegal parking and Heat map
Network	
Protocols	IPv4/IPv6, TCP/IP, HTTP, HTTPS, UPnP, UDP/IP, RTSP/RTCP/RTP, IGMP/Multicast, SMTP, DHCP, NTP, DNS, QoS, SNMP, 802.1x, UDP, ICMP, ARP, TLS
Interoperability	ONVIF, SDK
Streaming Method	Unicast
Max. User Access	10 Users
Web Viewer	<IE11, Chrome, Firefox
Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English
Interface	
Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1ch Input, 1ch Output
Built-in MIC	Support
Built-in Speaker	Support
Alarm Interface	1ch Input, 1ch Output
SD Card Slot	Built-in, up to 256GB
Reset Button	Support
Electrical	
Power Supply	DC12V (-15%~+20%)/POE (IEEE 802.3af)
Power Consumption	Max 12 W
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F )
Operating Humidity	Less than 90% RH
Ingress Protection	IP66
Certifications	CE/FCC
Casing	Metal
Dimensions	
Net Weight	