



ZN8-2D8WTFN3

8MP 180° Panoramic Bullet Network Camera



Key Features

- 2 X 5MP 1/2.8" progressive scan CMOS
- Output 180° wide angle splicing image
- Outputs max. 8MP(4608x1728)@15 fps, and supports 2592x1944 @15fps
- Support human and vehicle detection and capture
- 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, max. illumination distance up to 30 m (98.4 ft)
- Audio: 1ch in,1ch out; built-in Mic and speaker; support two-way talk
- Alarm: 1ch in,1ch out; built-in SD card slot, up to 256GB
- IP66
- NDAA compliant



Camera	
Image Sensor	Dual 1/2.8" Progressive Scan CMOS
Max. Resolution	4608(H)×1728(V)
Electronic Shutter	Auto/Manual, 1/5 ~ 1/20,000s
Min. Illumination	Color: 0.01 Lux @ (F1.6,AGC ON) BW: 0.001 Lux @ (F1.6,AGC ON) 0 Lux with Illuminator on
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
Illuminator Number	2 (IR LED), 2 (warm Light)
Pan/Tilt/Rotation Range	Pan: 0°~360°, Tilt: 0°~90°, Rotation: 0°~360°
Lens	
Lens Type	Fixed-focal lens, Dual lens: 2.8mm
Iris	Fixed Iris
Focal Length	2.8 mm
Aperture	F1.6
Angle of View	H: 180°, V: 63°
Video	
Streaming Capability	2 Streams
Stream/Frame Rate	Splicing mode: Stream1: 4608×1728 @15fps Stream2: 1536×576 @15fps Multi-channel mode: Stream1: 2592×1944, 2592×1520, 1280×720 @ 15fps Stream2: D1, VGA, CIF, QVGA @ 15fps
Bit Rate Control	CBR/VBR
Bit Rate	Splicing mode: Stream1: 500Kbps~16Mbps Stream2: 200Kbps~8Mbps Multi-channel mode: Stream1: 200Kbps~12Mbps Stream2: 100Kbps~6Mbps
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
Wide Dynamic Range	True WDR
S/N Ratio	55dB
Motion Detection	Support
Privacy Masking	4 areas

Smart Function	
Smart Detection	Support human and vehicle detection and capture
Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way, Illegal parking and Smart motion detection Support alarm triggering by specified target types (human and vehicle)
People Counting	Support
Heat Map	Support
Basic Events	Disk alarm, Network alarm, I/O alarm, Motion detection alarm, Abnormal sound detection
Audio	
Audio Compression	G.711, RAW_PCM
Audio Bit Rate	8kbps, 16kbps, 64kbps
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 Microphone	Support
Built-in Speaker	Max sound transmission distance of 60 m (196.85 ft) (45-48 dB)
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 11.5 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	227.7 × 110 × 80 mm (8.96 × 4.33 × 3.15 inch)
Net Weight	0.82 kg (1.81 lb)

**CBC AMERICA**



Dimensions (mm)

