

ORZ-ITS52Z120-AAJBMIR120-S1

5MP ANPR Bullet Network Camera

Key Features

- 1/1.8" progressive scan CMOS
- Max. 5MP(2688×1520) @50/60 fps resolution
- 4.1 to 12.8 mm, 8 to 32 mm or 10 to 50 mm motorized lens optional
- Intelligent AI-powered LPR Algorithm
- Max recognition speed of 120km/h
- Up to 4,000 blacklist and whitelist
- Supports Wiegand, connectable with access control system.
- Built-in microphone and speaker
- 1/1 audio in/out, 1/2 alarm in/out, built-in SD card slot (up to 1 TB)
- Smart IR distance up to 120 m
- IP67, IK10

Specification

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	5MP (2688×1520)
Electronic Shutter	Auto/Manual, 1/5 to 1/100,000 s
Min. illumination	Color: 0.0025 Lux @ (F1.2, AGC ON), B/W: 0 Lux with IR
Day & Night	IR cut filter
S/N Ratio	55dB
Wide Dynamic Range	True WDR
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°
Lens	
Lens Type	Motorized lens, motorized focus
Iris	Auto Iris
Focal Length	4.1 to 12.8 mm, 8 to 32 mm, 10 to 50 mm
Max. Aperture	F1.53 to F3.3 / F1.6 / F1.3 to F1.4
Field of View (FOV)	4.1 to 12.8 mm - H: 91.4° to 35.4°, V: 50.5° to 20° 8 to 32 mm - H: 41.1° to 14°, V: 23° to 7.9° 10 to 50 mm - H: 42.5° to 11.1°, V: 24.3° to 6.3°
Illuminator	
Supplement Light	IR
Light Control	Auto/Manual
Illumination Distance	4.1 to 12.8 mm - Up to 70 m (229.7 ft) 8 to 32 mm - Up to 80 m (262.5 ft) 10 to 50 mm - Up to 120 m (393.7 ft)
LPR	
Vehicle Speed	Up to 120km/h
Country Region Supported	Middle East: Oman, Saudi Arabia, Africa: South Africa Asia-Pacific: China, China Taiwan, Thailand, Vietnam, India, Indonesia Malaysia, Singapore Europe: Italy, Netherlands America: Chile, USA (Customizable others)
White/Black List	Up to 4,000 records
LPR Smart Search	Support
Intelligent Analytics	

Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Wrong-way detection, and Smart motion detection Support alarm triggering by specified target types (vehicle)
Video and Audio	
Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 2688×1520, 1920×1080, 1280×720 @50/60 fps Stream2: D1, VGA, CIF @ 25/30 fps Stream3: VGA, CIF, QVGA @ 25/30 fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 200 kbps to 16 Mbps Stream2: 100 kbps to 6 Mbps Stream3: 100 kbps to 3 Mbps
Region of Interest	Off/On (8 areas, Rectangle)
Smart Encode	Support
Audio Compression	G.711 A-law, G.711 μ -law, RAM PCM
Audio Bit Rate	64 Kbps (G.711), 128 Kbps (RAW_PCM)
Image	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Mirror	Support
White Balance	Auto/Manual
Day/Night Setting	Auto, Day, Night, Time
Noise Reduction	2D/3D DNR
Image Enhancement	HLC, BLC, Defog, WDR
Privacy Masking	4 areas
Event	
Alarm Triggers	IVS, Motion detection, Alarm input, Network alarm, Disk alarm, Day/Night switch alarm, Abnormal sound detection
Event Actions	Alarm record, Alarm output, Wiegand output, FTP upload, SMTP upload, Audible alarm output
Network	
Protocols	IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SNMP, 802.1x, SNMP, Multicast
Interoperability	ONVIF (Profile S/T/G/M), SDK, CGI
User/Host Level	Up to 10 users, 3 levels: Administrator, Operator, Media user
Security	IP address filter, encrypted HTTPS, Illegal login lock, IEEE 802.1x
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge
Interface	
Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Built-in Microphone	Support
Built-in Speaker	Support
Audio Interface	1ch Input, 1ch Output
Alarm Interface	1ch Input, 2ch Output

RS-485	1 RS-485
Wiegand Interface	1 Wiegand (26-bit, SHA-1 26-bit, 34-bit, and NEWG 72-bit)
SD Card Slot	Built-in, up to 1 TB
Reset Button	Support
General	
Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English
Power Supply	DC12V (-15% to +25%)/PoE (802.3af)
Power Consumption	Max 13.2W
Operating Temperature	-40°C to 60°C (-40°F to 140°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP67, IK10
Certifications	CE-EMC (EN 55032:2015+A1:2020, EN 55035:2017+A11:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-6-4:2019, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A2:2021) FCC (FCC 47 CFR 15, Subpart B, ANSI C63.4-2014)
Casing	Metal
Dimensions	φ110 × 356.3 mm (φ4.33 × 14.03 inch)
Net Weight	1.5 kg (3.31 lb)

Dimensions (mm)

