RHODIUM ULTRA
NDAA Compliant

RBU8047AKAN-ST-PZ

4MP ANPR Bullet Network Camera

Key Features

- 1/1.8" progressive scan SONY STARVIS II™ CMOS

- Max. 4MP(2592×1520) @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 1,000 blacklist and whitelis

- 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 35 m or 70 m

- IP66, IK10

Technical Specification

Camera	
Image Sensor	1/1.8" Progressive Scan SONY STARVIS II™ CMOS
Max. Resolution	4MP (2592×1520)
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
F Number	F1.53 to F3.3	F1.6
Angle of View	H: 105° to 32°, V: 76° to 24°	H: 42° to 15°, V: 23° to 8°

Illuminator		
Supplement Light	IR	
Light Control	Auto/Manual	
Illumination Distance	Up to 35 m (114.8 ft)	Up to 70 m (229.7 ft)

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Video	
Video Compression	Support H.265+/H.265/H.264+/H.264
Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 2592×1520, 2304×1296, 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, RAW_PCM
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, Anti-shake
Privacy Masking	4 areas

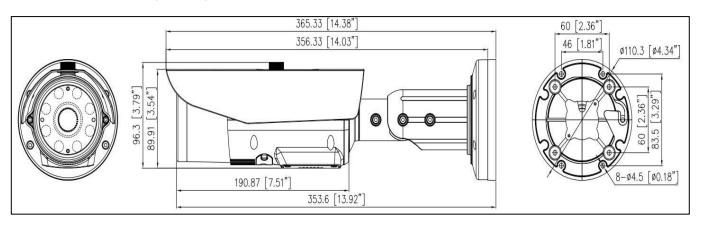| LPR	
Vehicle Speed	Up to 100km/h
Country Region Supported	Support Taiwan, Vietnam and Thailand
Attributes Identification	Vehicle type, vehicle color, and vehicle brand
White/Black List	Up to 1000 records
LPR Smart Search	Support
Network	
Protocols	IPv4/IPv6, RTSP/ RTCP/RTP, TCP/UDP, HTTPS, DHCP, DNS, DDNS, PPPoE, FTP, NTP, SMTP, 802.1x, SNMP
Interoperability	ONVIF (profile S/T/G/M), SDK, CGI
Streaming Method	Multicast
Max. User Access	10 Users
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge
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
Built-in Microphone	Support
Built-in Speaker	Support
Audio Interface	1ch Input, 1ch Output
Alarm Interface	1ch Input, 2ch Output
RS-485	Support

Wigand Interface	Support
SD Card Slot	Built-in, up to 1 TB
Reset Button	Support

Intelligent Analytics

Multi-Object Detection	Supports face, human, vehicle detection and capture
Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way detection, Illegal parking, and Smart motion detection (support the accurate detection of vehicle and human), Region entrance/Exit , Tamper detection, Missing object/left object
People Counting	Up to 4 detection areas
Heat Map	Support

Electrical

Power Supply	DC12V (-15% to +25%)/PoE (802.3af)
Power Consumption	Max 12W
Operating Temperature	-40°C to 60°C (-40°F to 140°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66, IK10
Certifications	CE/FCC
Casing	Metal
Dimensions	φ110 × 356.3 mm (φ4.33" × 14.03")
Net Weight	1.5 kg (3.31lb)

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Dimensions (mm)

Accessories

Optional :

SN-CBK649B Junction Box	SN-CBK627D Pole Mount