

iDS-ANPR403-BI/0832

4 MP High Performance IR ANPR Bullet Camera



- High quality imaging with 4 MP resolution (1/1.8" CMOS).
- Clear imaging against strong backlight due to 140 dB WDR technology.
- Built-in ANPR engine, equipped with AI algorithm.
- Efficient H.265+ compression technology to save bandwidth and storage.
- Water and dust resistant (IP67) and vandal proof (IK10).

Specification

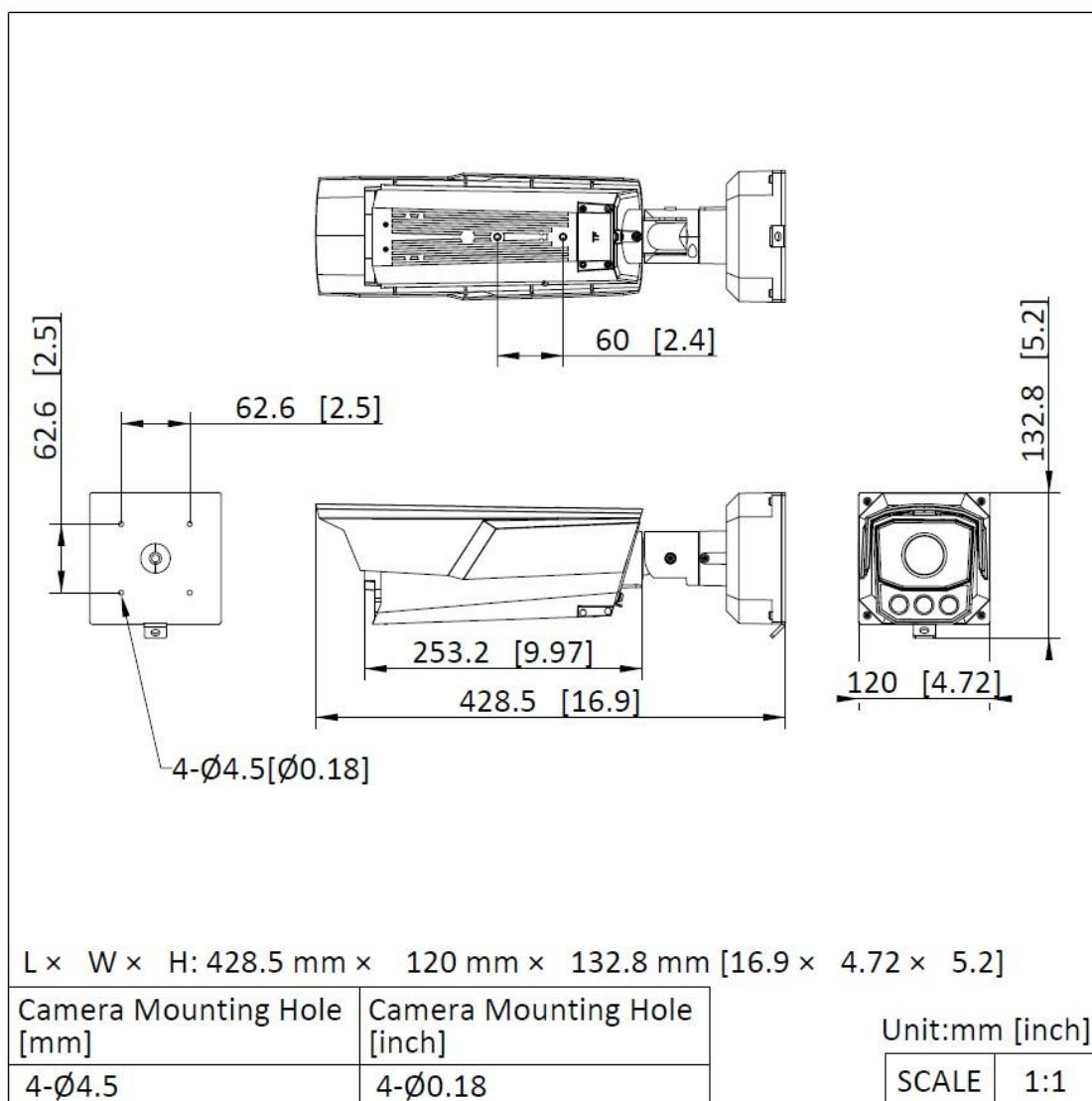
Camera	
Image Sensor	1/1.8" progressive scan CMOS
Max. Resolution	2688 × 1520
Min. Illumination	Color: 0.001 Lux
Shutter Time	1/25 s to 1/100,000 s
Day & Night	IR cut filter
Lens	
Focal Length & FOV	8 mm to 32 mm: Horizontal: 41.9° to 15.1°, Vertical: 22.9° to 8.64°, Diagonal: 48.8° to 17.3°
Focus	Auto
Iris Type	DC-IRIS
Aperture	8 mm to 32 mm: F1.7
Illuminator	
Built-in Supplement Light Type	IR light
Built-in Supplement Light Range	Up to 60 m
IR Wavelength	850 nm
Video	
Main Stream	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 760, 704 × 576, 352 × 288) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 760, 704 × 576, 352 × 288)
Sub-Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 760, 704 × 576, 352 × 288) 60 Hz: 30 fps (1920 × 1080, 1280 × 760, 704 × 576, 352 × 288)
Third Stream	50 Hz: 25 fps (1280 × 760, 704 × 576, 352 × 288) 60 Hz: 30 fps (1280 × 760, 704 × 576, 352 × 288)
Video Compression	H.264 and H.265 encoding Main stream: H.265/H.264/MJPEG Sub-stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 16 Mbps
H.264 Type	Baseline profile/Main profile/High profile
H.265 Type	Main profile
Audio	
Audio Compression	G.711/G.722.1
Audio Bit Rate	8 Kbps (G.711)/16 Kbps (G.722.1)
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, SMTP, SNMP, IGMP, QoS, IPv4/IPv6, UDP, SSL/TLS, ISUP, ARP, 802.1X
Simultaneous Live View	Up to 6 channels
API	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP

User/Host	Up to 32 users 3 user levels: administrator, operator, user
Security	Password protection, Complicated password, HTTPS encryption, 802.1X authentication (EAP-PEAP, EAP-LEAP, EAP-MD5), Watermark, IP address filter, Basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTP/RTSP over HTTPS, Control timeout settings, Security audit log, TLS 1.1, Host authentication (MAC address)
Network Storage	Micro SD/TF card (512 GB), local storage and CVR, NVR, ANPR
Web Browser	Chrome V61+, IE9 to IE11, Firefox V41+, Edge
Image	
Image Settings	Rotation mode, saturation, brightness, contrast, sharpness, AGC, adjustable white balance via client software or web browser
Day/Night Switch	Auto/Scheduled/Triggered by alarm in
Wide Dynamic Range (WDR)	140 dB
Image Enhancement	BLC, 3D DNR
Picture Overlay	Logo picture can be overlaid on video with 128 × 128 in 24-bit bmp format
Interface	
Ethernet Interface	1 RJ45 10M/100M/1000M Ethernet interface
On-Board Storage	Built-in memory card slot, supporting microSD/SDHC/SDXC card, up to 512GB
Audio	Supported
Alarm	1 input interface, 1 output interface, 2 relays
RS-485	1 RS-485 interface
Wiegand	1 Wiegand (Card ID 26bit, SHA-1 26bit, Hik 34bit)
Event	
Basic Event	HDD Error, Network Disconnected, IP Address Conflicted, Vehicle Detector Exception, Traffic Light Detector Exception
Road Traffic and Vehicle Detection	
Coverage	Up to 3 lane(s)
Smart Function	License plate recognition

LPR Countries/Regions	Middle East: The United Arab Emirates (Abu Dhabi, Ajman, Dubai, Fujairah, Ras Al Khaimah, Sharjah and Umm Al Quwain), Qatar, Iraq, Egypt, Jordan, Kuwait, Saudi Arabia, Pakistan, Oman, Lebanon, Bahrain, Africa: Nigeria, Kenya, Ivory Coast, South Africa, Tanzania, Mauritius, Morocco, Tunisia, Sierra Leone, Zambia, Ghana, Zimbabwe, Uganda, Angola, Ethiopia, Senegal, Algeria, Asia-Pacific: Australia, New Zealand, Indonesia, Malaysia, Singapore, South Korea, Thailand, Vietnam, the Philippines, Hong Kong, Macao, Taiwan, Myanmar, India, Mongolia, Cambodia, Laos, Bangladesh, Nepal, Sri Lanka, America: Canada, Argentina, Chile, Paraguay, Uruguay, El Salvador, Bolivia, Colombia, Brazil, Ecuador, Peru, Mexico, Panama, Costa Rica, Trinidad and Tobago, the Dominican Republic, Guatemala, Europe: Turkey, Croatia, Slovakia, Czech Republic, Bulgaria, the Republic of North Macedonia, Hungary, Greece, Poland, France, Netherlands, Switzerland, Spain, the UK, Ireland, Germany, Italy, Austria, Israel, Palestinian, Belgium, Luxembourg, Albania, Kosovo, Serbia, Romania, Montenegro, Denmark, Finland, Sweden, Slovenia, Portugal, Malta, Cyprus, Iceland, Liechtenstein, Bosnia and Herzegovina, Russian-Speaking Regions: Azerbaijan, Belarus, Kazakhstan, Lithuania, Georgia, Estonia, Latvia, Russia, Ukraine, Moldova, Uzbekistan, Kyrgyzstan, Armenia, Turkmenistan, Tajikistan
Accuracy (under recommended installation and lighting conditions)	Capture rate > 99%, Vehicle moving direction recognition accuracy > 98.5%, LPR accuracy > 98%, Mistaken capture rate < 2%
Motorcycle LPR	Supported
Vehicle Manufacturer	84 manufacturers: Hyundai, Toyota, KIA, Honda, Volkswagen, Benz, Nissan, Ford, Isuzu, BMW, Chevrolet, Mitsubishi, Renault, Opel, Suzuki, Skoda, Daewoo, Audi, Mazda, GAC HINO, Peugeot, SsangYong, Citroen, Fiat, Scania, MAN, Volvo, Lexus, Seat, Land Rover, Daihatsu, Dongwo, Subaru, Iveco, MINI, JEEP, Porsche, Chery, Dodge, Chrysler, Acura, Alfa Romeo, Great Wall, Infiniti, Smart, Saic Maxus, JAC, Jaguar, GMC, Lincoln, JMC, SAAB, FAW, Yutong, Guangzhou Yunbao, Joylong, Geely, Cadillac, JBC, An'kai, Haima, Foton, King Long, Dongfeng, Geely-Emgrand, Perodua, UD, BYD, Renault Samsung, Proton, HICOM, Malaysia_Unknown 1, Hyundai-Rohens, SsangYong-Old Version, Equus-Old Version, CNHTC, Rolls-Royce, Beiben Truck, Haval, Hino, Kia-Borrego, Chang'an, Alfa, FORO
Capture Speed Range	5 to 120 km/h
General	
Operating System	Linux
Power	DC 12 V to 24 V, 1.25 A, max. 15 W, two-core terminal block, PoE: 802.3at, Type 2, Class 4, max. 15 W
Material	Aluminum alloy
Dimension	428.5 mm × 120 mm × 132.8 mm (16.9" × 4.72" × 5.2") (L × W × H)
Package Dimension	452 mm × 398 mm × 198 mm (17.8" × 15.67" × 7.8") (L × W × H)
Weight	Approx. 3 kg (6.61 lb.)
With Package Weight	Approx. 5.19 kg (11.44 lb.)
Operating Condition	-30 °C to 70 °C (-22 °F to 158 °F). Humidity 95% or less (non-condensing)
General Function	One-key reset, three streams, heartbeat, password protection, watermark

Language	8 languages: English, Russian, Croatian, Korean, Russian, Traditional Chinese, Ukrainian, Spanish
Storage Condition	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Protection	IK10, IP67

Dimension



Accessory

Optional

DS-1232ZJ-T/BJH Cardan Joint	DS-1278ZJ-HWB Horizontal Pole Mount	DS-1275ZJ-BJH/600mm Vertical Pole Mount	DS-1701ZJ/HWB Wall Mount
			

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