HIKVISION®

iDS-TCR803-G
8MP Roadside Parking ANPR Bullet Camera

DarkFighter

- 1/1.8-inch 8-million-pixel CMOS intelligent high-definition camera;
- Configurable to support H.265 or H.264 encoding, maximum output Full HD 3840*2160@25fps real-time image, ultra-low latency, ultra-low bit rate;
- Support output H.265 or H.264 code stream can be configured, high compression ratio, and processing is very flexible, at the same time, support MJPEG encoding, capture pictures using JPEG encoding and Smart JPEG compression, picture quality can be set;
- Support up to 512G TF card local storage, support snap pictures disconnected and resuming transmission;
- Support motorized zoom lens
- Support 3D digital noise reduction function;
- Support the capture recognition of vehicles driving in and out of parking spaces, and support character overlay (capture time, license plate number, driving in and out status, parking number, etc.)
- Support spanning for parking, line pressing alarm
- It has the functions of dustproof, waterproof drop, anti-surge, etc.;

▪ Specification

Camera	
Max. Resolution	3840 × 2160
Sensor Type	1/1.8'' Progressive Scan CMOS
Min. Illumination	Color: 0.009 Lux B/W: 0.0001 Lux
Shutter	1 /70s to 1/40,000 s
Day/Night Switch	Supported
IR Cut Filter	IR cut filter Blue glass module to reduce ghost phenomenon
Lens	
Lens Type	4 to 11 mm 11 to 55 mm
Aperture	04 to 11mm: F1.47 to F2.5 11 to 55mm: F1.7 to F2.1
Focal Length & FoV	4 to 11 mm, horizontal FoV: 112.48° to 41.17°, vertical FoV: 57.76° to 23.31°, diagonal FoV: 136.8° to 47.12°, 11 to 55 mm, horizontal FoV: 33.51° to 8.06°, vertical FoV: 18.75° to 4.61°, diagonal FoV: 38.3° to 9.22°
Focus	Auto,Vari-focal lens, motor-driven lens
Supplement Light	
Supplement Light Type	IR Light
Supplement Light Range	04 to 11mm: 25 m 11 to 55mm: 50 m Vehicle License Plate: 04 to 11mm: 10 m 11 to 55mm: 20 m
IR Wavelength	IR Light 850 nm
Image	
WDR	140db
Defog	supported
Main Stream	50 Hz: 25 fps (3840 x 2160 (default),3392 x 2008,3072 x 1728,2720 x 1600, 1920 x 1080,1280 x720, 704*576,352*288) 60 Hz: 30 fps (3840 x 2160 (default),3392 x 2008,3072 x 1728,2720 x 1600, 1920 x 1080,1280 x720, 704*576,352*288)
Sub-Stream	50 Hz: 25 fps (3840 x 2160 (default),3392 x 2008,3072 x 1728,2720 x 1600, 1920 x 1080,1280 x720, 704*576,352*288) 60 Hz: 30 fps (3840 x 2160 (default),3392 x 2008,3072 x 1728,2720 x 1600, 1920 x 1080,1280 x720, 704*576,352*288)
Image Settings	Saturation, brightness, contrast, white balance, and gain are adjustable by client software or web browser.
Day/Night Switch	Auto/Scheduled/Manual
WDR Switch	On, Time, Brightness
Frame Rate	25fps

Video

ROI	8 regions respectively for main stream and sub-stream, 6 levels for each region.
Video Compression	H.265/H264/MJPEG
H.264 Type	Low profile Medium profile High Profile
Video Bit Rate	32 Kbps to 16 Mbps
Bit Rate Type	Constant, Variable
Scalable Video Coding (SVC)	MJPEG , H.265 and H.264 encoding

Capture Mode

Trigger Type	Parking Detection
Picture Type	Scene Picture、 Composition、 Close-up Picture
Scene Mode	Parallel Parking、 Reverse Parking
Capture Type	Checkpoint Capture、 Illegal Parking、 Abnormal Parking Space Occupancy、 Parking Facing Wrong Direction Capture、 Parking over Line Detection、 Parking Across Spaces

Capture Parameters

Image Format	JPEG
Capture Resolution	3840 x 2160 (default),3392 x 2008,3072 x 1728,2720 x 1600, 1920 x 1080,1280 x720, 704*576,352*288
License Plate Recognition	Forward, Backward
Smart Recognition	License plate recognition, vehicle entering/exiting parking space status, parking spacestatus detection, parking over spaces detection, parking over line detection
Capture Picture Overlay	Location, shooting time, license plate number, shooting number, vehicle color Vehicle type, etc

Network

Network Storage	NAS (NFS, SMB/CIFS), auto network replenishment (ANR) together with high-end Hikvision memory card, memory card encryption and health detection are supported
Protocol	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNSDDNS,RT,RTSP,RTCP,NTP,SNMP , OTAP
API	ONVIF(PROFILE S,PROFILE G), ISAPI, SDK
Client	HikCentral,PMS,DS-TPE400
Web Browser	Plug-in required live view: IE10+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local service: Chrome 41.0+, Firefox 30.0+
Security	One-key restoration, password protection, watermark

Interface

Audio	1 input (line in), 1 output (line out)
Alarm Input	1-ch alarm inputs
Alarm Output	1-ch alarm output
RS-232	Not equipped
RS-485	1-ch RS-485 serial port
Network Interface	1RJ45 10 M/100 M/1000 M self-adaptive Ethernet interface
Memory Card Slot	1 TF card slot, up to 1 TB

General

Working Temperature and Humidity	-30°C to 70°C(-22°F to 158°F) 5% to 95% @ 40°C (non-condensing)

Power Supply	support POE 12 to 24 VDC, wide voltage
Power Consumption	15W
Dimensions	428.5 × 120 × 132.8 mm (16.9 × 4.72 × 5.2 inch)
Protection	IP67
Weight	3.5 kg (7.7 lb.)
Weight (with Package)	4 kg (8.8 lb.)
Dimensions (with Package)	450 × 150 × 150 mm (17.7 × 5.9 × 5.9 inch)
Storage Temperature and Humidity	Temperature: -20 °C to 70 °C (- 4°F to 158 °F) Humidity: 95% (non-condensing)
Startup and Operating Conditions	Temperature: -20 °C to 70 °C (- 4°F to 158 °F) Humidity: 95% (non-condensing)
Language	33 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian
Smart Function	
ANPR Supported Country/Region	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, HongKongChina, Macao, TaiwanChina, 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 Speaking Regions: Azerbaijan, Belarus, Kazakhstan, Lithuania, Georgia, Estonia, Latvia, Ukraine, Moldova, Uzbekistan, Kyrgyzstan, Armenia, Turkmenistan, Tajikistan

▪ **Available Model**

iDS-TCR803-G/0411/POE

iDS-TCR803-G/1155/POE

▪**Dimension**

62.6 [2.5]

62.6 [2.5]

60 [2.4]

132.8 [5.2]

253.2 [9.97]

428.5 [16.9]

120 [4.72]

4-Ø4.5[Ø0.18]

L × W × H: 428.5 mm × 120 mm × 132.8 mm [16.9 × 4.72 × 5.2]

Camera Mounting Hole [mm]	Camera Mounting Hole [inch]	Unit:mm [inch]	
4-Ø4.5	4-Ø0.18	SCALE	1:1
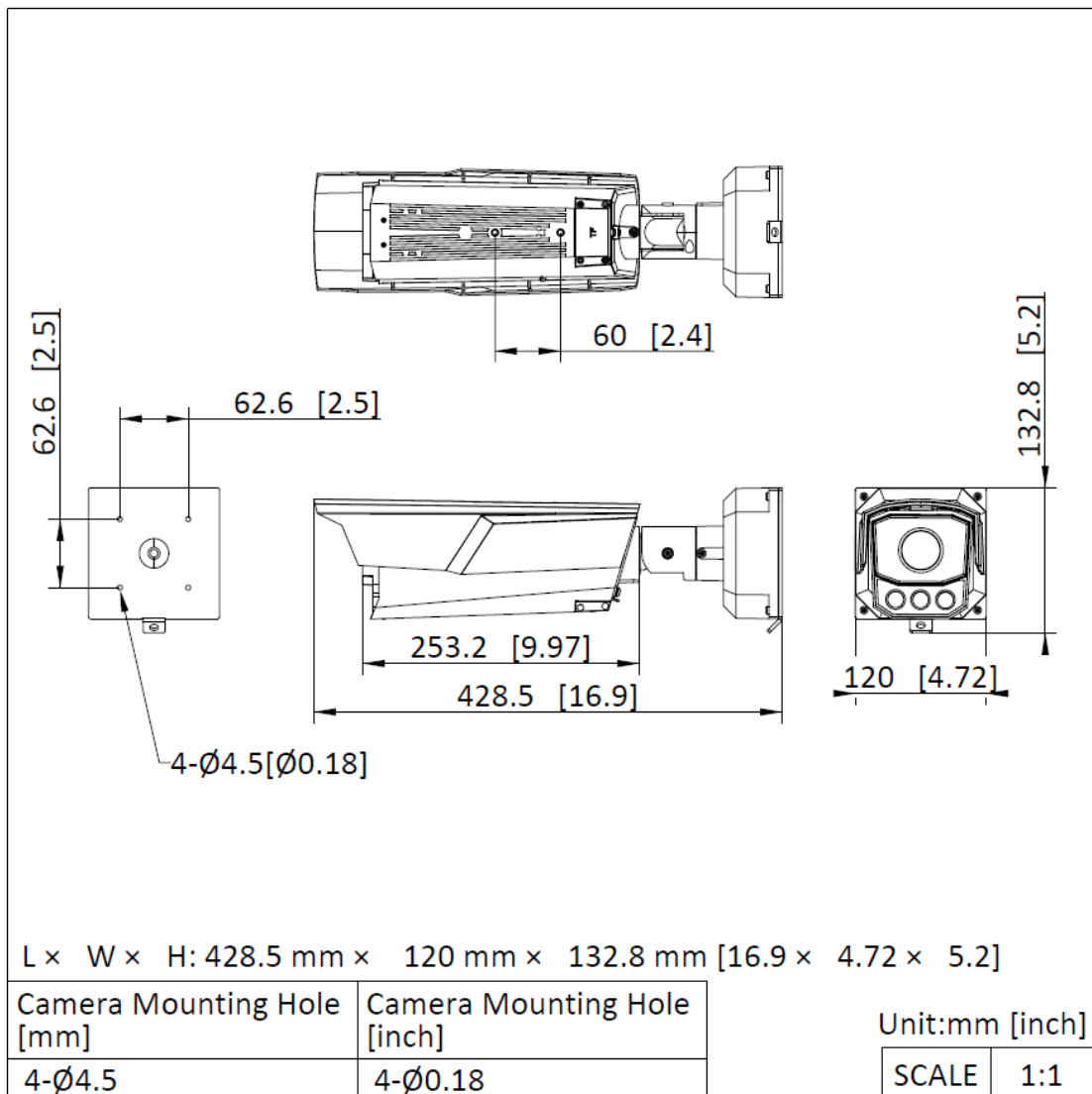
▪**Accessory**

▪**Optional**

DS-1275ZJ/HWB	DS-1701ZJ/HWB
Hoop & Bracket	Hoop & Bracket

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