

iDS-TCM403-A(I)/ SafetyWork High Performance ANPR Bullet



DarkFighter

DeepinView



- 1/1.8" progressive scan CMOS
- 50 Hz: 2688 × 1520 @ 25 fps
- 60 Hz: 2688 × 1520 @ 30 fps
- Color: 0.001 Lux @ (F1.2, AGC ON)
- H.265, H.264
- 140 dB WDR
- 3D DNR

- Alarm I/O
- 1 RS-485 interface
- IR range up to 100 m
- Two defined streams
- Built-in microSD/TF card, up to 128G
- Helmet detection
- IP67, IK10

Available Model

iDS-TCM403-A/SafetyWork/0832

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Specification

Camera		iDS-TCM403-A(I)/SafetyWork
Image Sensor		1/1.8" Progressive Scan CMOS
Min. Illumination		Color: 0.001 Lux @ (F1.2, AGC ON), 0.0005 Lux with IR
Shutter Speed		1/25 s to 1/100,000 s
Slow Shutter		Supported
Day & Night		IR Cut Filter
Digital Noise Reduction		3D DNR
WDR		140 dB
Lens		
Focal Length		8 to 32 mm
Aperture		F1.63~1.8
Focus		Auto
FOV		Horizontal FOV 39.7° to 15.9°, vertical FOV 22.3° to 9.1°, diagonal FOV 45.8° to 18.1°
Auto-iris		DC drive
IR		
IR View Range of Camera		Up to 100 m
Wavelength		850 nm
Compression Standard		
Video Compression		Main stream: H.265/H.264/MJPEG Sub-stream: H.265/H.264/MJPEG
H.264 Type		Baseline Profile/Main Profile/High Profile
H.265 Type		Baseline Profile/Main Profile/High Profile
Video Bit Rate		32 Kbps to 16 Mbps
Audio Compression		G.711/G.722.1
Audio Bit Rate		8Kbps (G.711) /16Kbps (G.722.1)
Smart Feature		
Recognition		License Plate Recognition
Smart Function		Helmet detection, vehicle model classification, color identification, no-plate vehicle capture, driving direction detection
Image		
Max. Resolution		2688 × 1520
Main Stream		50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720, 704 × 576, 352 × 288) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720, 704 × 576, 352 × 288)
Sub-Stream		50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 352 × 288) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 576, 352 × 288)
Third Stream		50 Hz: 25 fps (1280 × 720, 704 × 576, 352 × 288) 60 Hz: 30 fps (1280 × 720, 704 × 480, 640 × 480)
Image Settings		Rotation mode, saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable via client software or web browser.
Video Compression		H.264 and H.265 encoding
Day/Night Switch		Auto/Scheduled/Triggered by alarm in
Video Overlay		Logo picture can be overlaid on video with 128 × 128 in 24-bit bitmap format
Network		
Network Storage		microSD/TF card (128 GB), local storage, CVR, NVR, ANR

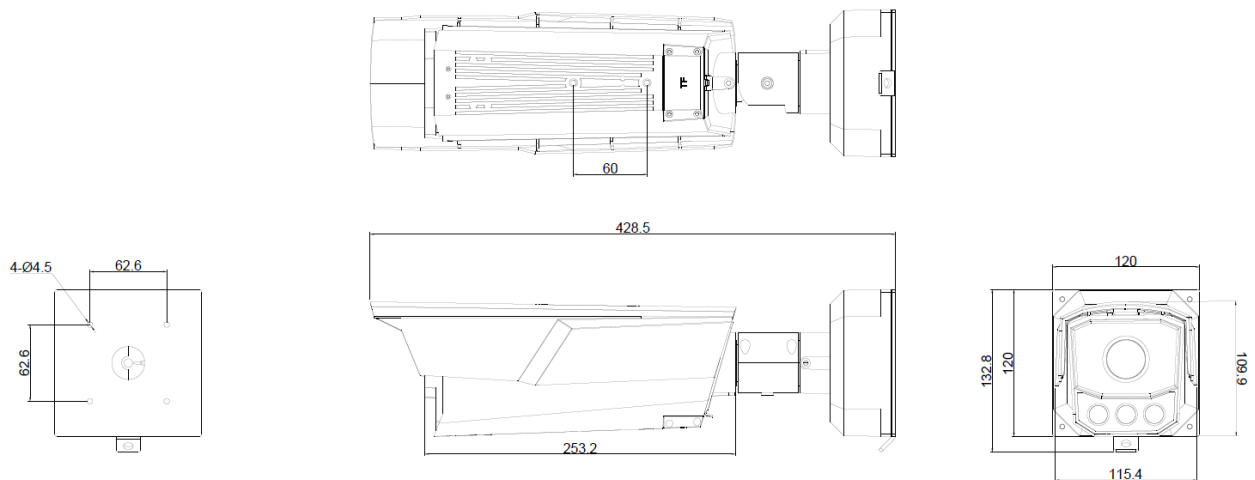
Alarm Trigger	HDD Error, Network Disconnected, IP Address Conflicted, Vehicle Detector Exception, Traffic Light Detector Exception
Protocols	TCP/IP, HTTP, HTTPS, FTP, DNS, RTP, RTSP, RTCP, NTP, IPv6, UDP
Security Measures	Password protection, HTTPS encryption, digest authentication for HTTP/HTTPS, digest authentication for ONVIF (Version 2.1)
General Function	One-key reset, three streams, heartbeat, password protection, watermark
API	ONVIF (Version 2.1), ISAPI, SDK
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users. 3 user levels: administrator, operator, and user
Client	iVMS-4200, Hik-Connect, HikCentral
Web Browser	IE7+
Interface	
Audio	Yes
Communication Interface	1 RJ45 10M/100M/1000M Ethernet interface, 1 RS-485 interface, Wiegand interface
Alarm	1 input, 1 output, 2 relays
Video Output	Network
On-Board Storage	Built-in microSD/TF card, up to 128 GB
Reset Button	Yes
General	
Firmware Version	V4.2.2
Operating Conditions	Temperature: -30 °C to +70 °C (-22 °F to +158 °F) , -H: -40 °C to +60 °C (-40 °F to +140 °F) Humidity: 95% or less (non-condensing)
Power Supply	12 VDC to 24 VDC ± 20%, PoE (802.3at, class 4)
Power Consumption	Max.12 W
Protection Level	IP67, IK10
Material	Aluminum alloy
Dimensions	With package: 428.5 × 120 × 132.8 mm (16.87" × 4.72" × 5.23")
Weight	Camera: approx. 3.12 ± 0.5 kg (6.88 ± 1.1 lb)

* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

Application Performance

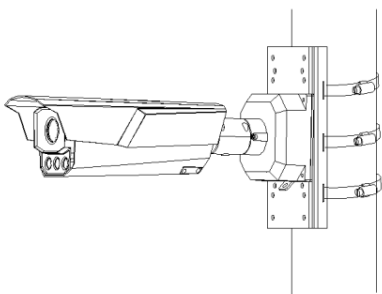
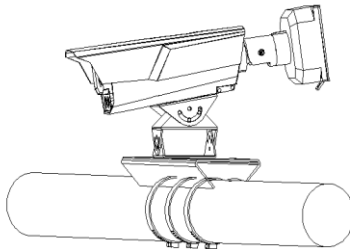
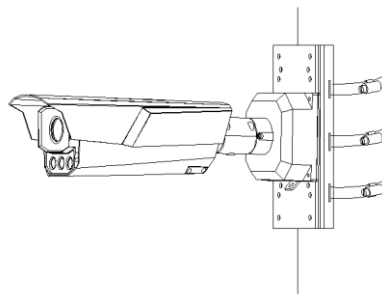
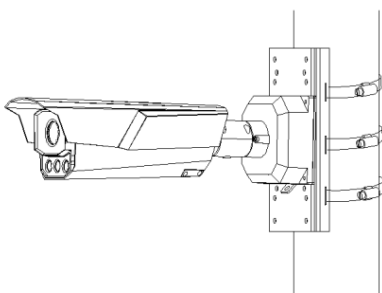
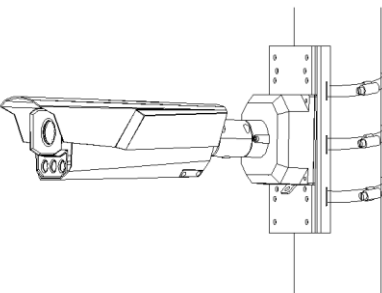


Dimension



Unit: mm

Accessory

		
Hoop Bracket DS-1275ZJ/HWB	Hoop Bracket DS-1130-HWB/110-300	Hoop Bracket DS-1275ZJ-BJH/140 mm
		
Hoop Bracket DS-1275ZJ-BJH/600 mm	Hoop Bracket DS-1275ZJ-HWB/600 mm	

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