

**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  
iDS-TCM403-AI/SafetyWork/0832



[www.hikvision.com](http://www.hikvision.com)

## Specification

<b>Camera</b>		<b>iDS-TCM403-A(I)/SafetyWork</b>
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	
<b>Lens</b>		
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	
<b>IR</b>		
IR View Range of Camera	Up to 100 m	
Wavelength	850 nm	
<b>Compression Standard</b>		
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)	
<b>Smart Feature</b>		
Recognition	License Plate Recognition	
Smart Function	Helmet detection, vehicle model classification, color identification, no-plate vehicle capture, driving direction detection	
<b>Image</b>		
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	
<b>Network</b>		
Network Storage	microSD/TF card (128 GB), local storage, CVR, NVR, ANR	

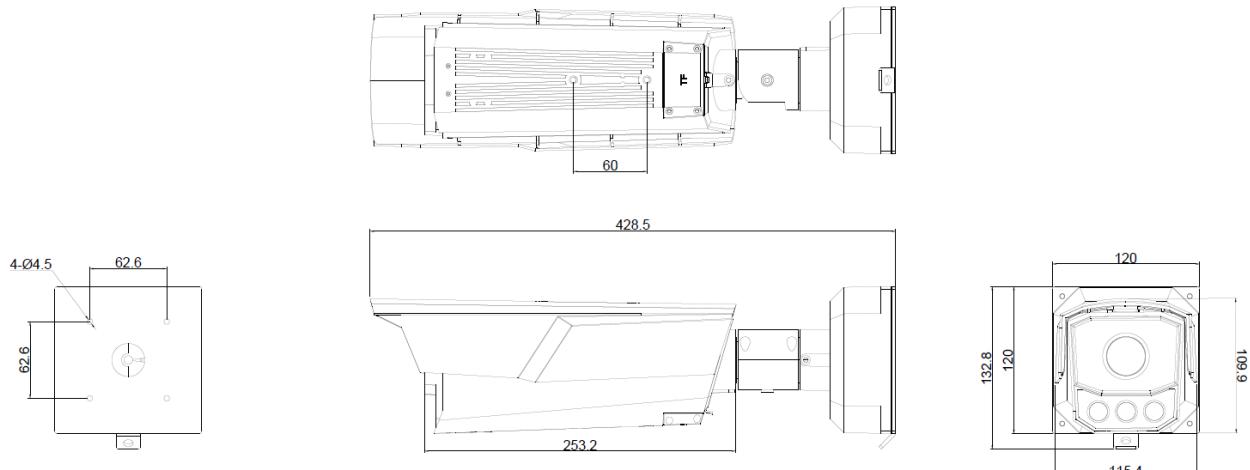
Alarm Trigger	HDD Error, Network Disconnected, IP Address Conflicted, Vehicle Detector Exception, Traffic Light Detector Exception
Protocols	TCP/IP, HTTP, HTTPS, FTP, DNS, RTP, RTSP, RTCP, NTP, IPv6, UDP
Security Measures	Password protection, HTTPS encryption, digest authentication for HTTP/HTTPS, digest 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+
<b>Interface</b>	
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
<b>General</b>	
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**

A diagram showing a camera mounted on a horizontal bracket, which is attached to a vertical pole via a vertical mounting plate.	A diagram showing a camera mounted on a horizontal bracket, which is attached to a cylindrical pipe via a vertical mounting plate.	A diagram showing a camera mounted on a horizontal bracket, which is attached to a vertical pole via a vertical mounting plate.
<b>Hoop Bracket DS-1275ZJ/HWB</b>	<b>Hoop Bracket DS-1130-HWB/110-300</b>	<b>Hoop Bracket DS-1275ZJ-BJH/140 mm</b>
A diagram showing a camera mounted on a horizontal bracket, which is attached to a vertical pole via a vertical mounting plate.	A diagram showing a camera mounted on a horizontal bracket, which is attached to a vertical pole via a vertical mounting plate.	
<b>Hoop Bracket DS-1275ZJ-BJH/600 mm</b>	<b>Hoop Bracket DS-1275ZJ-HWB/600 mm</b>	

Distributed by

**HIKVISION®****Headquarters**

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Australia**  
T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision India**  
T +91-22-28469900  
sales@pramahikvision.com

**Hikvision Canada**  
T +1-866-200-6690  
sales.canada@hikvision.com

**Hikvision Thailand**  
T +662-275-9949  
sales.thailand@hikvision.com

**Hikvision Europe**  
T +31-23-5542770  
sales.eu@hikvision.com

**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com

**Hikvision Brazil**  
T +55 11 3318-0050  
Latam.support@hikvision.com

**Hikvision Turkey**  
T +90 (216)521 7070- 7074  
sales.tr@hikvision.com

**Hikvision Malaysia**  
T +601-7652-2413  
sales.my@hikvision.com

**Hikvision UK & Ireland**  
T +01628-902140  
sales.uk@hikvision.com

**Hikvision South Africa**  
Tel: +27 (10) 0351172  
sale.africa@hikvision.com

**Hikvision France**  
T +33(0)1-85-330-450  
info.fr@hikvision.com

**Hikvision Kazakhstan**  
T +7-727-9730667  
nikia.panfilov@hikvision.ru

**Hikvision Vietnam**  
T +84-974270888  
sales.vt@hikvision.com

**Hikvision UAE**  
T +971-4-4432090  
salesme@hikvision.com

**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Tashkent**  
T +99-87-1238-9438  
uzb@hikvision.ru

**Hikvision Hong Kong**  
T +852-2151-1761  
info.hk@hikvision.com

**Hikvision Russia**  
T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision Korea**  
T +82-[0]31-731-8817  
sales.korea@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
info.pl@hikvision.com

**Hikvision Indonesia**  
T +62-21-2933759  
Sales.Indonesia@hikvision.com

**Hikvision Colombia**  
sales.colombia@hikvision.com