

DS-TMC403-E Entrance & Exit Capture Unit

Introduction

DS-TMC403-E is integrated with camera, supplement light, loudspeaker, etc. The device adopts HD progressive scan CMOS and features in high quality imaging, low illumination, high frame rate, good color rendition, etc. It supports H.265 encoding to save storage space. It adopts advanced deep-learning algorithm to realize video detection and capture. It provides various functions, including vehicle license plate detection, vehicle without plate detection, anti-vehicle following, etc. It is widely used in community, shopping mall, school, hospital, airport, gas station, 4S automotive dealership, government, etc. to capture and recognize the entering and exiting of vehicles.



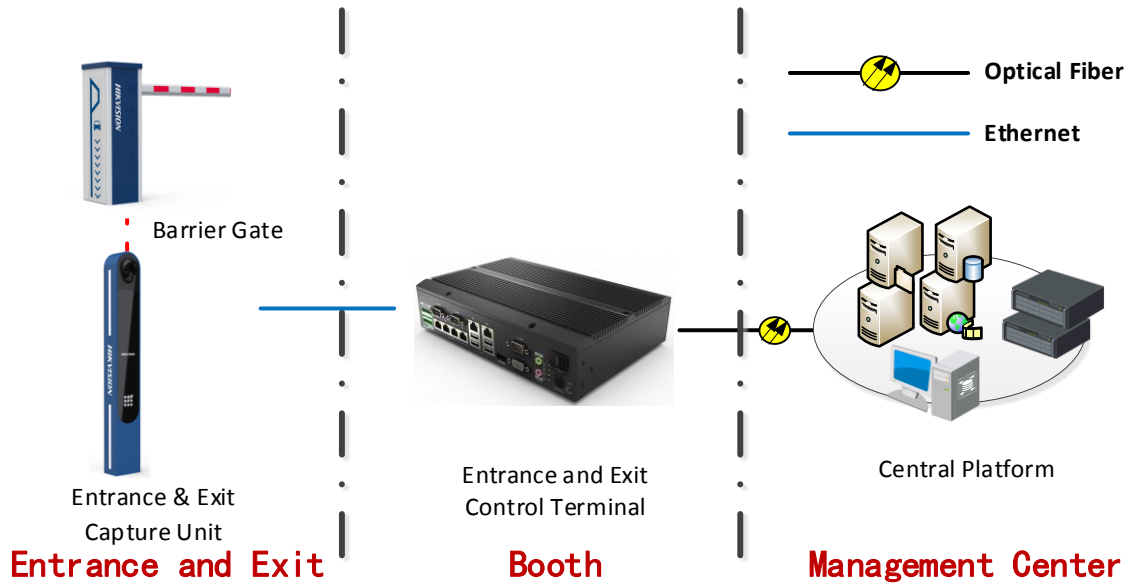
Note: The picture is for reference only. The actual device prevails.

Key Feature

- **High definition:** 4 MP HD camera with max. 2688 × 1520 resolution and 25 fps frame rate.
- **Low illumination:** High quality imaging with 1/3" progressive scan CMOS. 0.022 lux low illumination with clearer imaging at night.
- **Supplement light:** Embedded with 9 bright LED lights, the device has smart supplement light technology, which supports supplement light control according to time and brightness.
- **Allowlist and blocklist control:** Supports importing and comparing the allowlist and blocklist, barrier gate linkage, and working offline.
- **Multiple trigger modes:** Supports triggering via video, loop, radar, etc. It provides high capture rate and recognition via video. It can capture vehicles without license plates, and the capture rate is higher than 99.9%.
- **Anti-vehicle following mode:** Supports anti-vehicle following mode via video and radar/loop. The boom pole can keep rising in vehicle queue scenario to solve the congestion.
- **Ingress protection:** The surface of the host adopts anti-UV and electrostatic spraying, and the level of dustproof and waterproof meets the requirement of IP54 for outdoor devices.
- **Easy construction:** The all-in-one structure brings simple wiring and convenient debugging, and can shorten 1/3 of the construction period.



Typical Application



Available Model

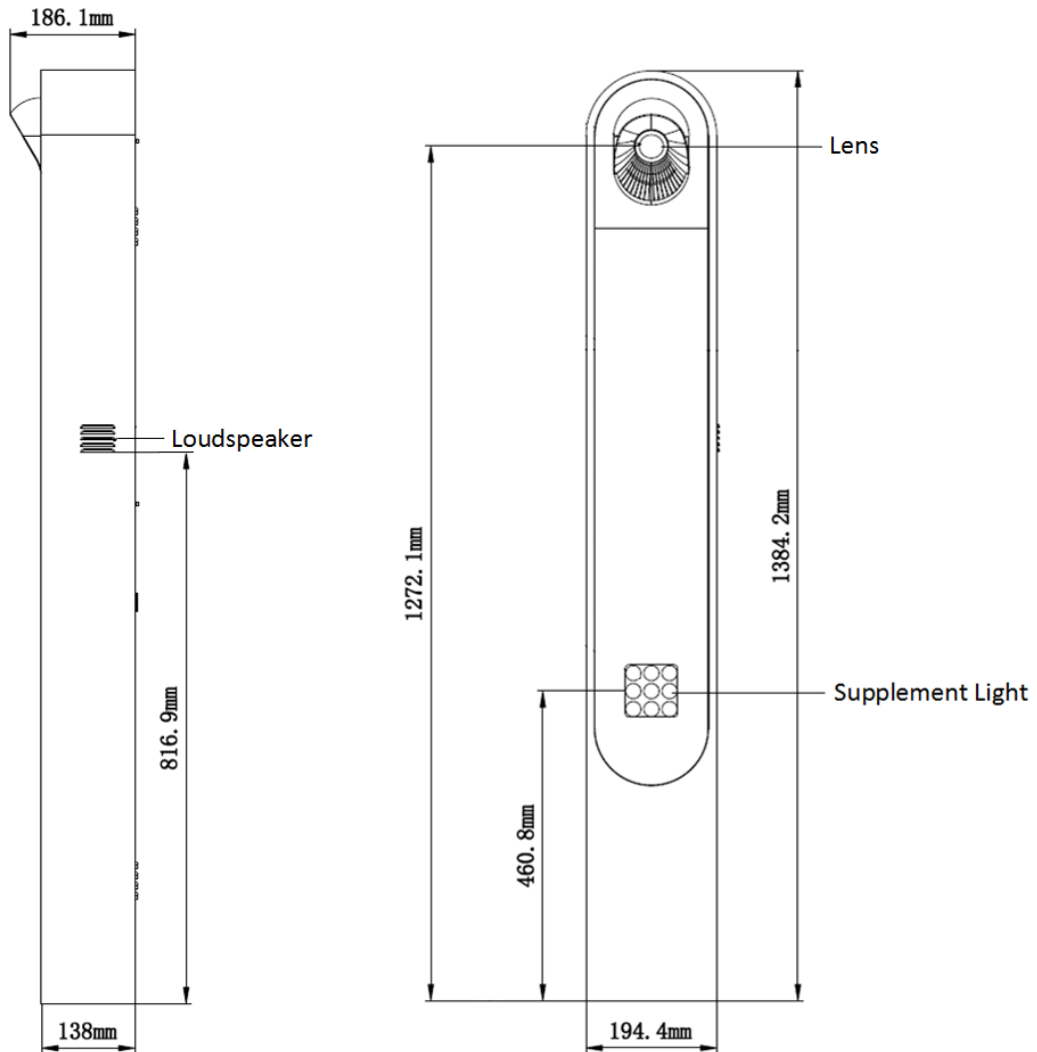
DS-TMC403-E

Specification

Model	DS-TMC403-E
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.022 Lux @ (F1.2, AGC ON) B/W: 0.011 Lux @ (F1.2, AGC ON)
Shutter Speed	1/30 s to 1/100,000 s
Lens Type	3.1 to 6 mm
IR Cut Filter	Supported
Compression Standard	
Video Compression	H.264/H.265/MJPEG
Video Bit Rate	32 Kbps to 16 Mbps
Image	
Image Format	JPEG
Max. Image Resolution	2688 × 1520
Frame Rate	25 fps @ (2688 × 1520)
Image Settings	Saturation, brightness, contrast, white balance, AGC, and 3D noise reduction can be adjusted via the web browser.
Network	
Storage	Built-in TF card
Protocol	TCP/IP, HTTP, DHCP, DNS, RTP, RTSP, NTP, FTP picture upload
Network Security	Heartbeat, password protection, NTP
Capture	
Picture Format	JPEG with configurable quality
Smart Recognition	ANPR
Supplement Light	
Supplement Light Control	Control according to brightness or time
LED Light Bead	9
Camera Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet interface
Triggered Input	2-ch triggered/alarm inputs
Relay Output	2-ch relay outputs, supporting rising of barrier gate boom pole
General	
Working Temperature	-20 °C to 70 °C (-4 °F to 158 °F)
Working Humidity	90% or less (non-condensing)
Power Supply	220 VAC

Lightening Protection	Supported
Weight	14 kg (30.9 lb.)
Consumption	35 W (with LED)

Dimension



Unit: mm

Distributed by

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