

Milesight

TRAFFIC

SERIES

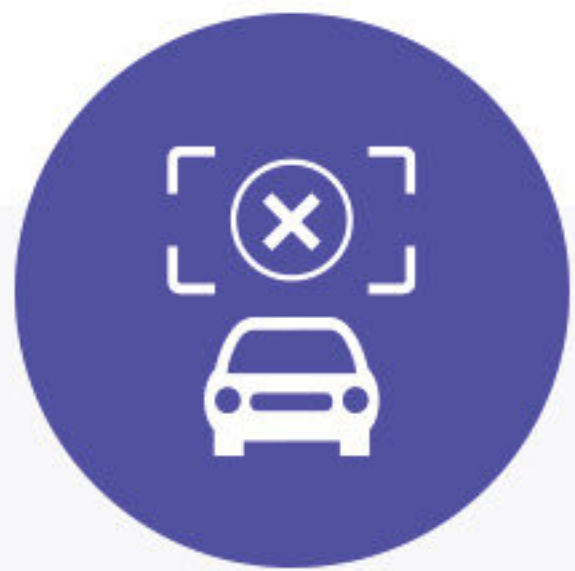


Milesight TrafficX Camera Series

Top-Tier Traffic Cameras for Most Demanding Traffic Applications

Challenges in High-demand Traffic Environments

In high-demand traffic environments - such as fast-moving highways, complex intersections, or low-visibility areas - accuracy is everything. Conventional traffic cameras often struggle with:



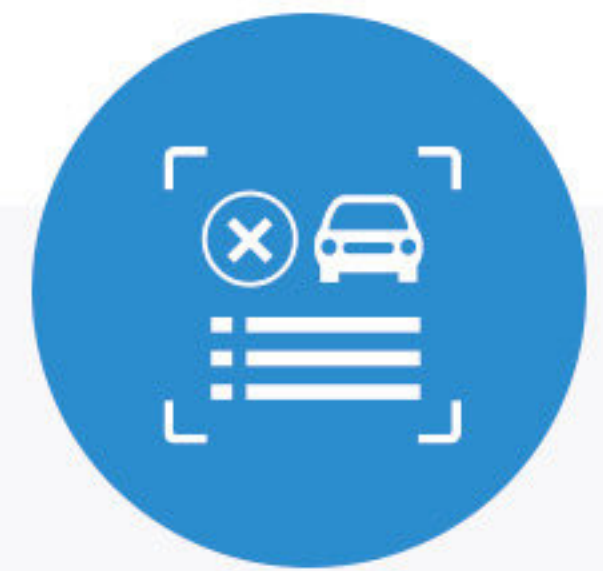
Missed plates due to motion blur at high speeds



Inaccurate recognition in low-light or poor weather



Complex system setups with limited intelligence



Insufficient adaptability for advanced enforcement needs

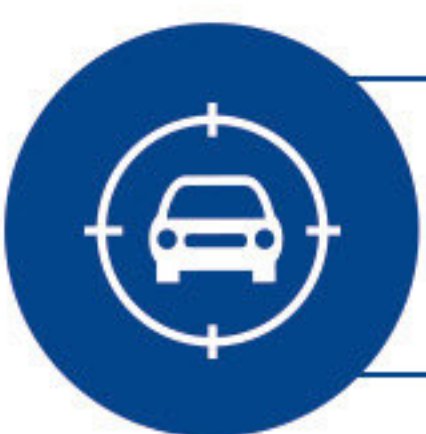


Precision, speed, and intelligence are no longer optional - they're essential.

Why TrafficX?

Smarter Technology, Sharper Image, Stronger Performance ▶

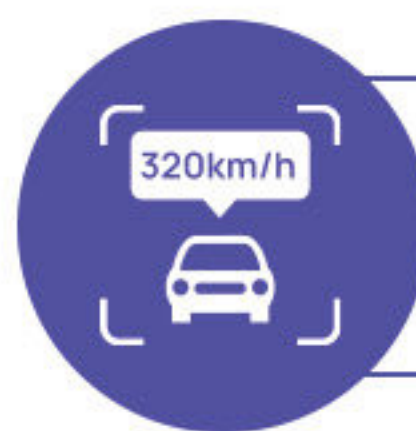
The Milesight TrafficX Series redefines what's possible in traffic enforcement with an edge AI solution purpose-built for performance-critical environments.



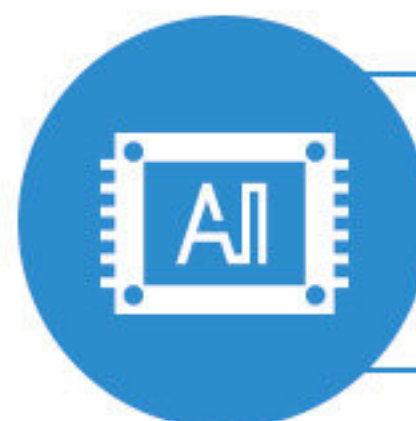
99% Capture Rate & 98% ANPR Accuracy



Rugged Design for All Conditions



Up to 320km/h ANPR Recognizable Speed



High-performance AI Chip + AI ISP + Edge-based AI Processing

TrafficX

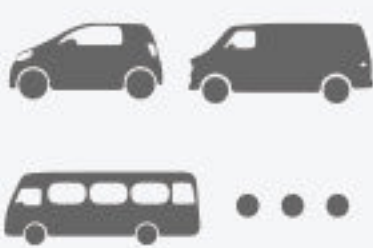


From detection to decision, TrafficX delivers unmatched performance on the edge.


Technologies That Set TrafficX Apart

PlateXpert Technology ▶

A proprietary ANPR technology developed by Milesight, designed for high precision and adaptability - capable of recognizing complex plate formats across regions, while also extracting rich vehicle attributes such as type, color, and direction.



Vehicle Type



Vehicle Color






Plate Color




Vehicle Make


Plate Attributes & Vehicle Attributes Recognition




Angled Plates



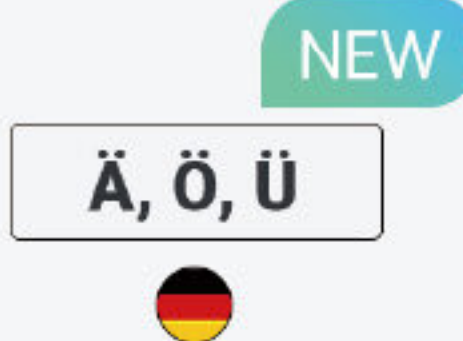
Reflective Plates



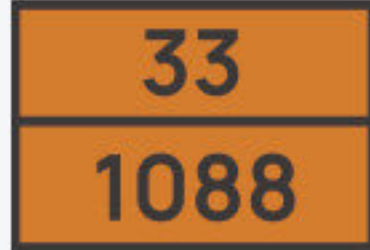
Low-contrast/
Faint-character Plates



Multi-line Plates



Special Characters



ADR Plates

Recognize License Plates of Every Kind



Multi-lane & Bidirectional Recognition




adarV Technology ▶


Fuses radar data with video analytics for more accurate speed detection, vehicle classification, and direction analysis.

Global Shutter Sensor ▶

Eliminates motion blur and ensures crystal-clear plate images of fast-moving vehicles.



Global Shutter



Rolling Shutter Global Shutter

Frame Parity Flashing ▶

Captures multiple images of the same vehicle under different illumination levels. The system automatically selects the clearest image - ensuring sharp captures of both reflective and non-reflective plates, as well as the vehicle body.

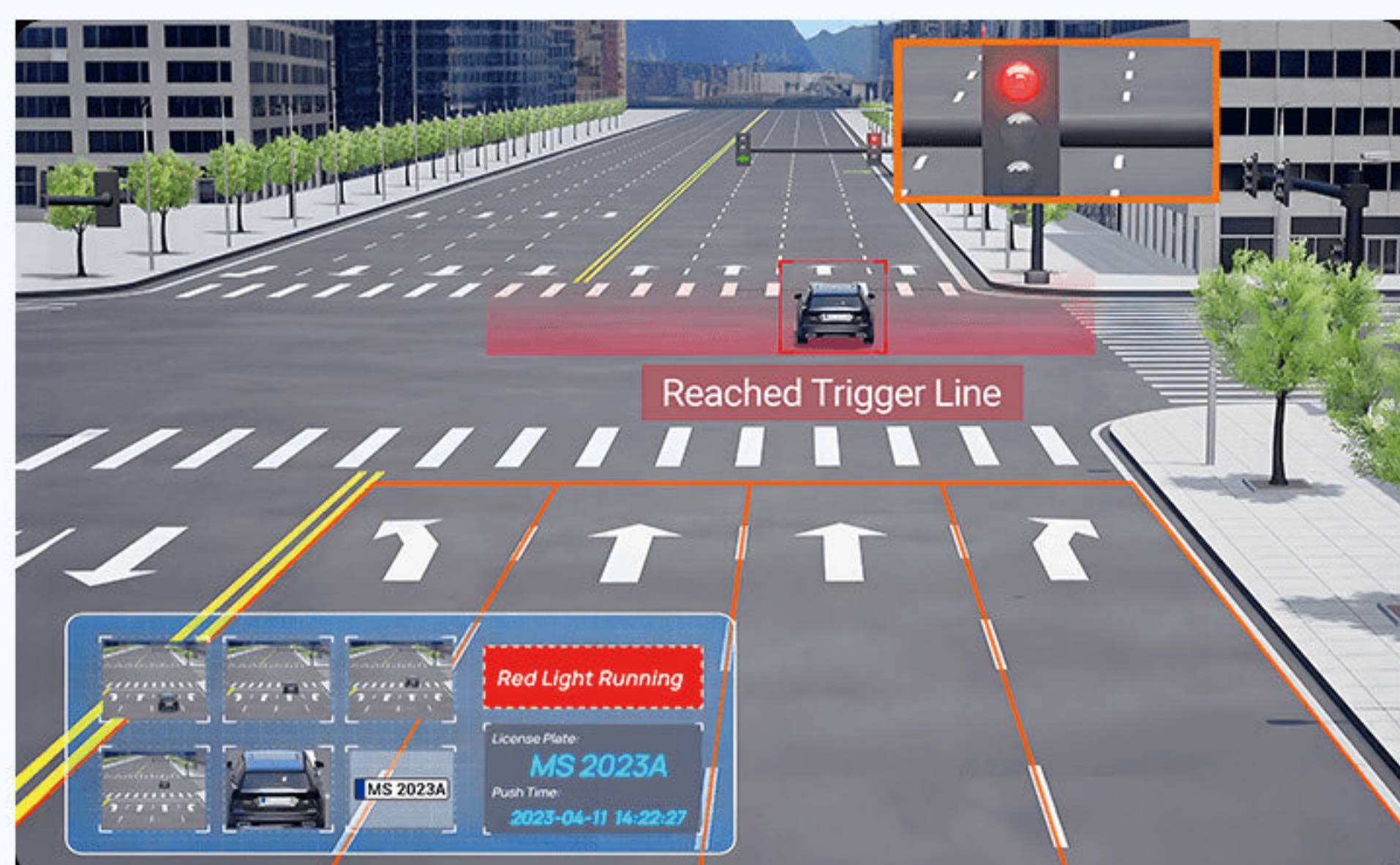


Frame Parity Flashing



Even Frame(short exposure) Odd Frame (long exposure)

Built for the Most Demanding Scenarios



Urban Roads & Intersections ▶

- Red Light Violation Detection
- Reverse Driving Detection
- Traffic Flow Management
- Speed Monitoring & Speed Enforcement



Highways ▶

- Speed Monitoring & Speed Enforcement
- Highway Access Control
- ETC Toll Management






Low Emission Zones (LEZ) ▶

- Identify non-compliant vehicles automatically and support sustainable city policies



TrafficX Products

	Dual Sensor	Dual Sensor	Dual Sensor
	<div></div> <div>DualVision TrafficX Camera</div>	<div></div> <div>DualVision TrafficX Enforcement Camera</div>	<div></div> <div>DualVision TrafficX Radar Camera</div>
ANPR Recognizable Speed	Up to 250km/h	Up to 250km/h	Up to 320km/h
Special Detection	-	Red Light Violation Detection	Speed Detection with 24GHz Radar, Up to 320km/h
Attributes Identification	Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture, Vehicle Direction Detection		
Violation Management	Reverse Driving, Vehicle Attributes Event Detection		
Capture Rate	Up to 99%		
ANPR Accuracy	Up to 98%		
ANPR Distance	Up to 50m		
Resolution	2*5MP		
Optical Zoom	15-50mm, Motorized zoom and focus		
Illumination Distance	Up to 60m		
Global Shutter	Recommended for 2~3 lanes		
Lanes Coverage	Yes		
More Features	1TB SD Card for Edge Storage		
	4G LTE Network for Wireless Transmission (Optional)		
	Built-in GPS for Precise Location		

TrafficX

🌐 www.milesight.com

☎ +86-592-5922772(8801) - Sales +86-592-5922772(8701) - Support

✉ sales@milesight.com support@milesight.com

📍 Building C09, Software Park Phase III, Xiamen 361024, Fujian, China



www.milesight.com