Make Sensing Matter











Tel: +86-592-5922772(8801) - Sales +86-592-5922772(8701) - Support Mail: sales@milesight.com support@milesight.com Address: Building C09, Software Park Phase III, Xiamen 361024, Fujian, China





INTELLIGENT TRAFFIC SERIES

Product Brochure



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Introduction

Go Beyond Security, Go for Smarter Traffic

Milesight PlateXpert Technology

Designed for Milesight Intelligent Traffic Cameras

TrafficX Series

TrafficX Camera & TrafficX Enforcement Camera

Al Network Camera

4G Solar-powered ANPR Camera

4G Solar-powered Traffic Sensing Camera

Al Road Traffic Pro Bullet Plus Camera

Al Road Traffic Radar Pro Bullet Plus Camera

Al Road Traffic 5G Pro Bullet Plus Camera

Al Road Traffic Supplement Light Pro Bullet Plus Camera

Al Road Traffic PTZ Bullet Plus Camera

Al Road Traffic PTZ Bullet Camera

Al Road Traffic Speed Dome Camera

Parking Management Series

Indoor Parking Guidance Camera

Indoor Parking Management Suite

Outdoor Parking Management Camera

Entrance & Exit AI LPR Pro Bullet Plus Camera

Entrance & Exit Supplement Light Al LPR Pro Bullet Plus Camera

Entrance & Exit Al LPR Bullet Camera

Entrance & Exit AI LPR Pro Dome Camera













Extensive Interoperability

Go Beyond Security, Go for Smarter Traffic

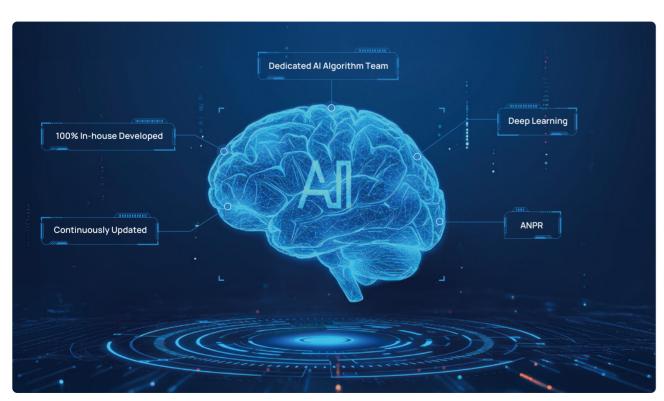
In the complex landscape of traffic management, reliability and efficiency are non-negotiable. At Milesight, we understand the critical role that intelligent traffic solutions play in ensuring the smooth flow of daily life. That's why we're proud to introduce the Milesight Intelligent Traffic Camera Series - engineered to deliver unparalleled intelligence, efficiency, and reliability.

Drawing on our deep expertise in security surveillance, Milesight brings a refined, purpose-driven approach to modern traffic management. Our commitment to enhancing safety, optimizing traffic flow, and delivering scalable solutions is at the core of every product. Milesight Intelligent Traffic Camera Series is designed to meet the unique and evolving demands of traffic systems, offering advanced capabilities for today's most challenging traffic projects.

Discover how Milesight Intelligent Traffic Camera Series is shaping the future of safer, smarter, and more efficient roads.



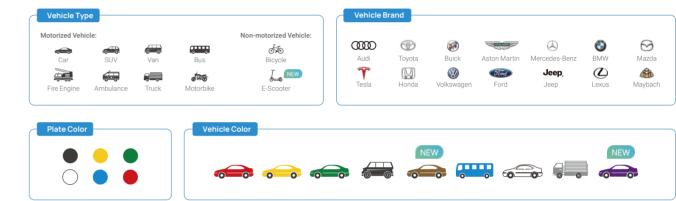
Advanced & Deep Learning Algorithm Trained for Accuracy



Effortlessly Recognizing Plates of Every Kind



■ Plate Attributes & Vehicle Attributes Recognition



Over 50+ Countries & Regions Supported



TrafficX Enforcement Camera
TS5511-GH

Red Light Violation Detection

Toll Gate

Traffic % Series

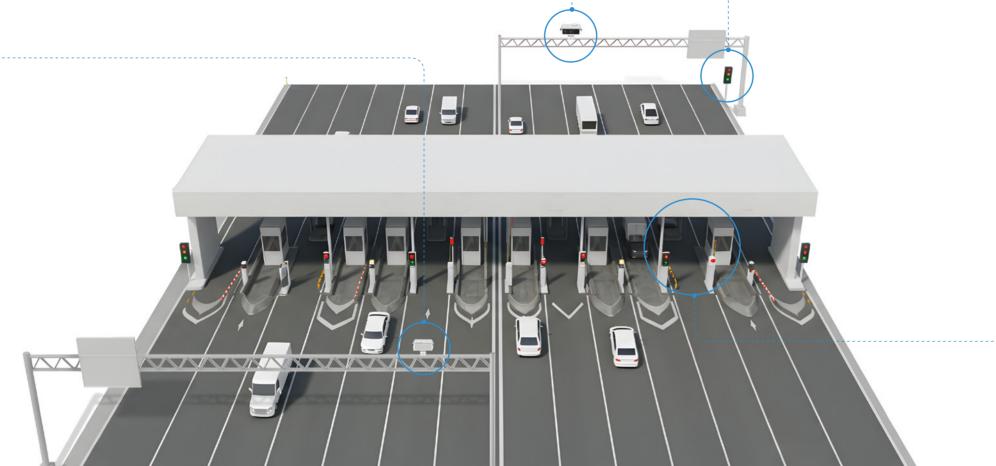




TrafficX Camera TS5510-GH



Multi-lane Free Flow (MLFF)



Series Highlights

99% Capture Rate 98%
License Plate Recognition Rate

250km/h Recognizable Capture Speed

Al Powered Onboard ANPR **50m**ANPR Distance

2*5MP
Dual Lenses

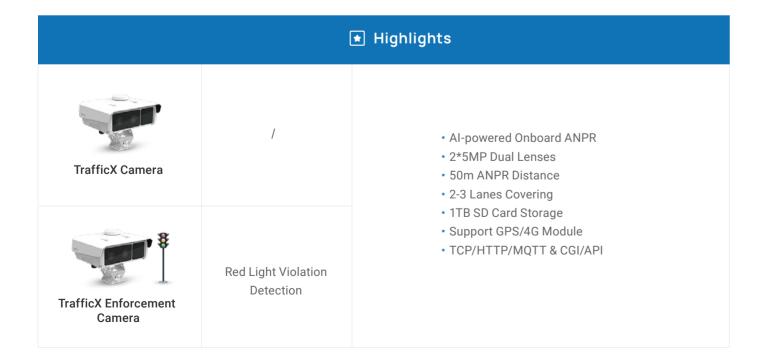
2-3Lanes Covering

Traffic //

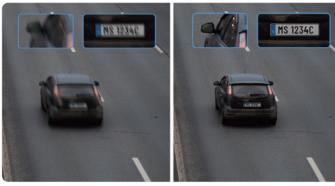
Double Vision, Double Power







Sharp Capture





• Global Shutter for Fast-moving Capture

• Al ISP for Superior Image

Precise ANPR









• Frame Parity Flashing for Precise ANPR

• 740nm/850nm IR Wavelength

Maximized Installation Flexibility







Pedestal Pole Mount Wall Mount

Wall Pole Mount

Road Traffic Management Series

Intelligent Cameras for Road Traffic Monitoring



Specific Lane Management



Reverse Driving Detection



Red Light Violation Detection



Speeding Detection



No-Plate Detection



Traffic Flow Management



On-street Parking Violation Detection

Products



4G Solar-powered ANPR Camera



4G Solar-powered Traffic Sensing Camera



Al Road Traffic Supplement Light Pro Bullet Plus Camera



Al Road Traffic PTZ Bullet Plus Camera



Al Road Traffic PTZ Bullet Camera



Al Road Traffic Pro Bullet Plus Camera



Al Road Traffic Radar Pro Bullet Plus Camera



Al Road Traffic Speed Dome Camera



Al Road Traffic 5G Pro Bullet Plus Camera



4G Solar-powered ANPR Camera

■ 4G + Solar-powered for Efficient Remote Security



9-Day Battery Life with Continuous Recording



Go Green with Ultra-low Power Consumption



Flexible Working Mode for Enhanced Efficiency



Up to 6*90Wh Battery & 2*90W Solar Panel

■ Sharp Image for Precise ANPR

- 4MP High-Quality Images
- Specialized 6mm/16mm Lens
- 850nm/740nm IR Wave Length
- Identification for Vehicle Type: Bicycle/Car/Motorcycle/Bus/Truck
- License Plate Recognition
- · List Management/List Event
- No-plate Event



Uncompromising Quality, Unmatched Reliability



Built-in High-Accuracy GPS Module



VERIZON and AT&T Certificated



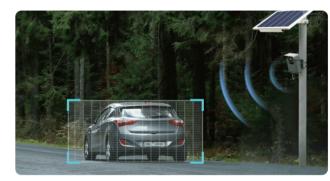
IP67 & Category 12 Typhoon Guaranteed



Battery Protection in -20°C to +60°C

4G Solar-powered Traffic Sensing Camera

■ Precise Real-time Capture with Radar & Al









Low-power Mode Ensures Low Consumption & HIgh Efficiency



Solar-powered for Sustainable Use



4G LTE Wireless & Effortless Data Transmission



MQTT & HTTP Protocol for Seamless Integration

Unique Structure Design for Flexible Deployment



Various Applications









Al Road Traffic Pro Bullet Plus Camera





Professional Al-powered LPR Camera with Sharp Image

Traffic Violation Detection



- 4X/12X AF Lens
- Up to 4K Ultra High Definition
- 1/1.8" Sensor & 0.002Lux Starlight
- 90fps High Frame Rate
- 120dB Super WDR

Traffic Management

- Al-powered LPR
- Traffic Flow Statistics
- Evidence Camera Linkage
- LPR Smart Search
- Plate Data Management

More Highlights

- NDAA
- IP67 & IK10
- Audio I/O, Alarm I/O, DC 12V, RS485, Ethernet Port
- SIP/VoIP Supported

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Al Road Traffic Radar Pro Bullet Plus Camera





Integrated 3D Radar

2 Lanes Monitoring at Once

Superior Image Quality

- 4X/12X AF Lens
- Smart IR II Technology
- Up to 4K Ultra High Definition
- 1/2" Sensor & 0.002Lux Starlight
- 90fps High Frame Rate
- 120dB Super WDR

Traffic Management

- Al-powered LPR
- Traffic Violation Detection
- Traffic Flow Statistics
- Evidence Camera Linkage
- · LPR Smart Search
- Plate Data Management

More Highlights

- NDAA
- IP67
- SIP/VoIP Supported

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Al Road Traffic Supplement Light Pro Bullet Plus Camera





Integrated IR LED Light or White LED Light

Illumination Distance Up to 180m

Superior Image Quality

- 4X(8~32mm) AF Lens
- 140dB Super WDR
- 1/2" Sensor & 0.002Lux Starlight
- 90fps High Frame Rate

Traffic Management

- Al-powered LPR
- Traffic Violation Detection
- Traffic Flow Statistics
- Evidence Camera Linkage
- · LPR Smart Search
- Plate Data Management

More Highlights

- NDAA
- IP67 & IK10
- Audio I/O, Alarm I/O, DC 12V,
- RS485, Ethernet Port
- SIP/VoIP Supported
- Integrated Junction Box (Optional)



Al Road Traffic Speed Dome Camera





Flexible Pan, Tilt and Zoom Tasks

3D Positioning

Superior Image Quality

- 36X(5.7~205.2mm) AF Lens
- 140dB Super WDR
- 100fps High Frame Rate
- 1/2" Sensor & 0.002Lux Starlight

Traffic Management

- Al-powered LPR
- Traffic Violation Detection
- Traffic Flow Statistics
- Evidence Camera Linkage
- LPR Smart Search
- Plate Data Management

□ More Highlights

- NDAA
- IP66 & IK10
- Smart Rain-Sensing Wiper (Optional)
- · Various Accessories Optional
- SIP/VoIP Supported



Al Road Traffic PTZ Bullet Camera





360° Endless Pan & 75° Tilt

Various Installation Modes



- 12X(5.6~64mm) AF Lens
- 140dB Super WDR
- 90fps High Frame Rate

Traffic Management

- Al-powered LPR
- Traffic Violation Detection
- Traffic Flow Statistics
- Evidence Camera Linkage
- LPR Smart Search
- Plate Data Management

More Highlights

- NDAA
- 3D Positioning
- IP66
- SIP/VoIP Supported



Al Road Traffic PTZ Bullet Plus Camera





360° Endless Pan & 75° Tilt

3D Positioning

Superior Image Quality

- 5X/12X/20X/23X AF Lens
- 1/1.8" Sensor & 0.002Lux Starlight
- 140dB Super WDR
- 90fps High Frame Rate

Traffic Management

- Al-powered LPR
- Traffic Violation Detection
- Traffic Flow Statistics
- Evidence Camera Linkage
- LPR Smart Search
- Plate Data Management

□ More Highlights

- NDAA
- IP66
- SIP/VoIP Supported

Al Road Traffic 5G Pro Bullet Plus Camera



Built-in 5G Module for Wireless Streaming

Broad Extensibility





Low Latency & High Bandwidth

Efficient Data Transmission with High Resolution

Superior Image Quality

- 4X Optical Zoom
- Up to 4K Ultra High Definition
- 140dB Super WDR
- 100fps High Frame Rate
- 1/2" Sensor & 0.002Lux Starlight

Traffic Management

- Al-powered LPR
- Traffic Violation Detection
- Traffic Flow Statistics
- Evidence Camera Linkage

• Plate Data Management

LPR Smart Search

- IP67 & IK10
- SIP/VoIP Supported
- Integrated Junction Box

Parking Management Series

Driving Safety and Efficiency in Parking Management



Indoor Parking Guidance

- Dual Lens for 6 Spaces
- · Customizable Multi-color Indicator
- · AI LPR & Vehicle Attributes Recognition



Outdoor Parking Management

- Occupation Detection (Up to 100 Space)
- LPR Parking Detection (4 Space & License Plate Recognition)

Series Highlights







Indoor Parking **Management Suite**



Outdoor Parking Management Camera



Entrance & Exit AI LPR Pro Bullet Plus Camera



Entrance & Exit Al LPR Bullet Camera



Entrance & Exit Management

Wiegand Interface for Access Control

• Al-powered LPR Algorithm

• No-plate Vehicle Detection

Integrated Supplement Light

· Black/White List

Entrance & Exit Supplement Light AI LPR Pro Bullet Plus Camera



 Image Capturing and Video Recording for Vehicle Security Incidents



On-street Parking Management

- Parking Occupancy Detection & Residence Time
- Parking Violation Detection



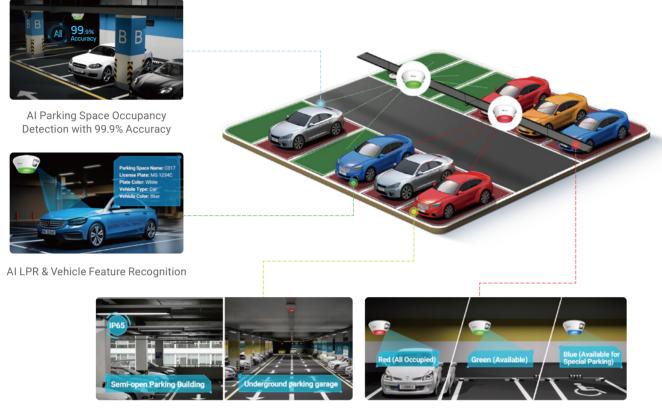


Entrance & Exit AI LPR Pro Dome Camera

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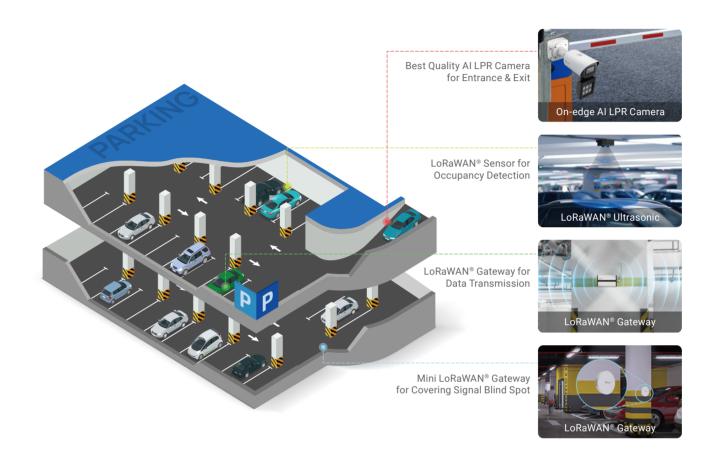
Indoor Parking Guidance Camera



Perfect for Indoor & Semi-open Parking Lots

Multi-color Customizable Indicator

Indoor Parking Management Suite



More Highlights

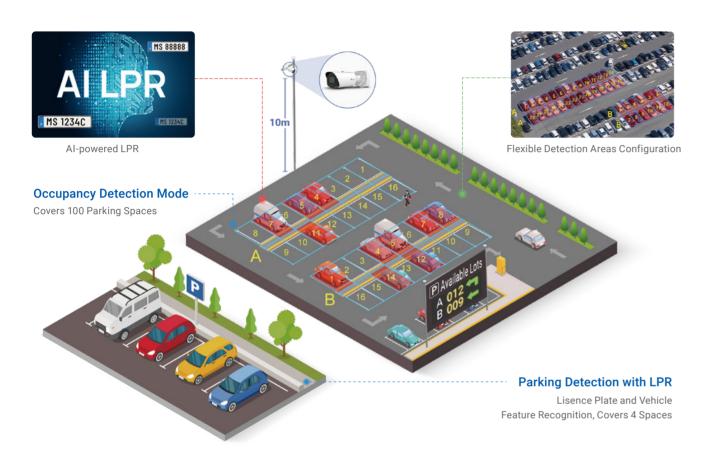


More Highlights



Milesight · Parking Management Series · Milesight

Outdoor Parking Management Camera



Superior Image Quality

- 4K Ultra High Definition
- 1/1.8" Progressive Scan CMOS
- 120dB Super WDR
- Smart IR II Technology
- 65m IR Distance



More Highlights







CGI/APIs Supported



SIP/VoIP Supported

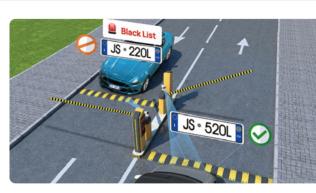


Integrated
Junction Box



Integrated Cable
Management Bracket

Entrance & Exit AI LPR Pro Bullet Plus Camera





Black/White List and No-plate Vehicle Detection

- Al-powered LPR
- · Black & White List
- No-plate Vehicle Detection
- Wiegand Protocol Supported for Access Control
- Evidence Camera Linkage
- · LPR Smart Search

Superior Image Quality

- 4K Ultra High Definition
- 140dB Super WDR
- 0.005Lux Ultra Low-light
- 60fps High Frame RateSmart IR II Technology

More Highlights

- IP67 & IK10
- CGI/APIs Supported
- SIP/VoIP Supported
- Integrated Junction Box (Optional)



Entrance & Exit AI LPR Bullet Camera





Vehicle Type: Car
Direction: Approach
Vehicle Color: Black
Plate: ABC1234
Plate Color: White

0.005Lux Ultra Low-light

Intelligent Al-powered LPR Algorithm

Entrance & Exit Management

- Al-powered LPR
- · Black & White List
- No-plate Vehicle Detection
- Evidence Camera Linkage
- LPR Smart Search

Superior Image Quality

- 140dB Super WDR
- 0.005Lux Ultra Low-light
- 60fps High Frame Rate
- Smart IR II Technology

More Highlights

- IP67 & IK10
- CGI/APIs Supported
- SIP/VoIP Supported
- Integrated Junction Box (Optional)

Milesight · Parking Management Series · Milesight



Entrance & Exit Supplement Light AI LPR Pro Bullet Plus Camera





Integrated IR LED Light or White LED Light

Wiegand Protocol Supported for Access Control

Entrance & Exit Management

- AI-powered LPR
- Black & White List
- No-plate Vehicle Detection
- Wiegand Protocol Supported for Access Control
- Evidence Camera Linkage
- · LPR Smart Search

Superior Image Quality

- 140dB Super WDR
- 0.005Lux Ultra Low-light
- 60fps High Frame Rate

More Highlights

- IP67 & IK10
- SIP/VoIP Supported



Entrance & Exit AI LPR Pro Dome Camera



White List

White List

MS 12345D

Embedded Al LPR Algorithm

Efficient & Simple Installation

Easy and Flexible Deployment

Entrance & Exit Management

- Al-powered LPR
- · Black & White List
- No-plate Vehicle Detection
- Evidence Camera Linkage
- LPR Smart Search

Superior Image Quality

- 140dB Super WDR
- 0.005Lux Ultra Low-light
- 60fps High Frame Rate
- Smart IR II Technology

More Highlights

- Efficient & Simple Installation
- IP67 & IK10
- SIP/VoIP Supported