

# MILESIGHT INTELLIGENT TRAFFIC

Go Beyond Security, Go for Smarter Traffic.

MILESIGHT

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Successful Cases

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# 01

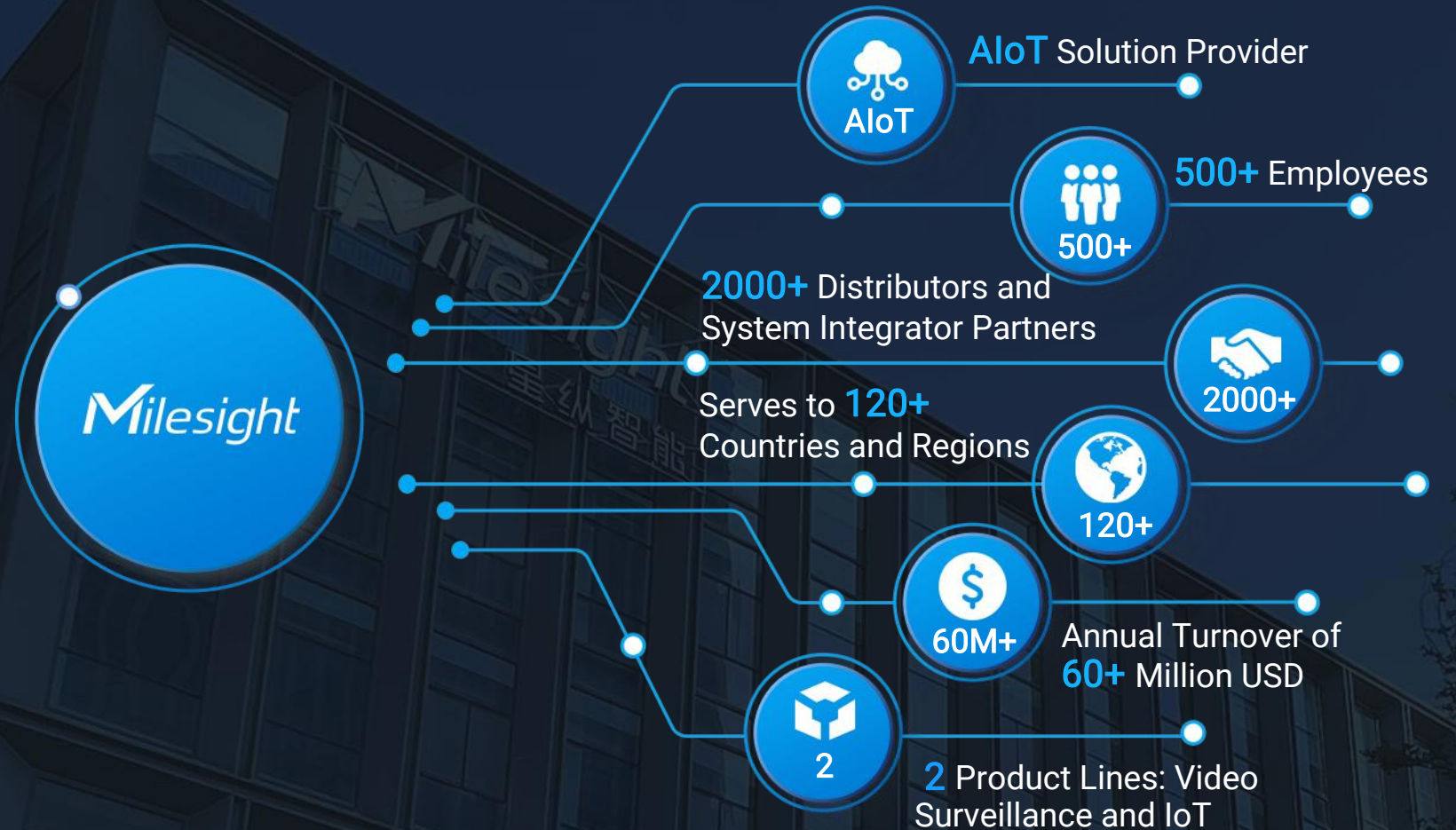
# ABOUT MILESIGHT

Company Profile

# Company Profile



Milesight is a fast-growing high-tech company delivering smart IoT and video surveillance products with a focus on IoT technologies, including Artificial Intelligence, 5G and LoRaWAN®, since 2011. With improved sensing capability and advanced IoT insights, we help customers worldwide optimize their business operation in a more efficient and sustainable way.





## Stunning Image Performance Even at Night

### ① LPR Image Mode



### ② Integrated Supplement Light



### ③ HLC (Highlight Compensation)



### ④ 0.002Lux Starlight



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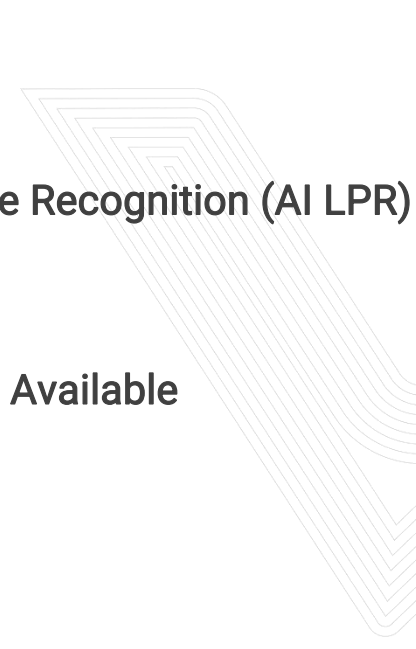
# 02 WHY MILESIGHT INTELLIGENT TRAFFIC MANAGEMENT?

Accurate Capture

Artificial Intelligence

Abundant Data & Interface

# Milesight Intelligent Traffic Cameras

- 
- 1 Profound CCTV Technical Accumulation
  - 2 Edge-AI-Based Automatic License Plate Recognition (AI LPR)
  - 3 Rich Vehicle Attribute Information Available
  - 4 Multiple Models Available
  - 5 Extensive Compatibility





# Profound CCTV Technical Accumulation - Image Assurance

Milesight

## Accurately Capture Plates of Fast Moving Vehicles

② Impressive Dynamic Clarity



② 100fps High Frame Rate





# Profound CCTV Technical Accumulation- Quality Assurance

## ① Structure Design for Easy Installation

### ◆ Clamshell Design



### ◆ Integrated Cable Management



### ◆ 3-Axis Mechanical Design



### ◆ Integrated Junction Box



### ◆ Mounting Bracket



## ② Full Protection Features



# Rich Vehicle Attribute Information Available

## ➤ AI-based Vehicle Attributes Recognition

Milesight Intelligent Traffic camera realizes **AI-based Attributes Recognition**, helping gain a new level of insights for further analysis.

### Vehicle Type



### Vehicle Color



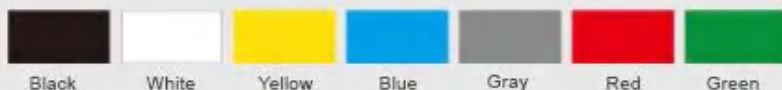
### Vehicle Brand



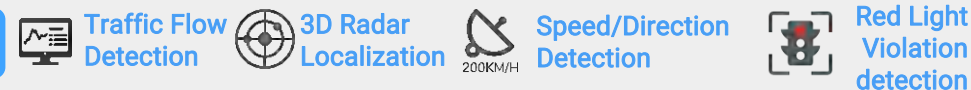
### Supported Regions



### Plate Color



### More Functions



# Edge-AI-Based AI LPR

## Conventional LPR

- Inferior accuracy rate
- Strict light and installation requirements
- Not intelligent enough to recognize  
Different license plate types
- Easy to misread license plate

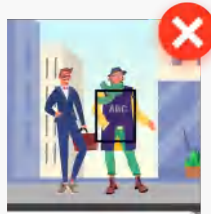


## AI LPR

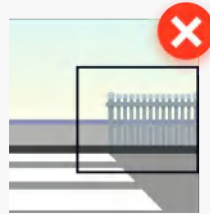
- Embedded AI LPR algorithm
- Adapted to more scenarios & functions
- Versatile vehicle attributes recognition
- More than 95% high recognition accuracy
- Identify vehicle first



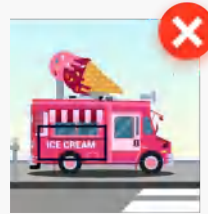
Pedestrian crossing



Pedestrians clothing



Roadside fence



Characters on the side of the vehicle



Billboard

Milesight

## LPR Operating Principle



Photographic Video/Images  
of License Plates Captured



LPR Algorithms

79-PG-JP

A Text Entry



# Multiple Models Available



PTZ Type



Radar Module Type



5G Module Type



Supplement Light Type



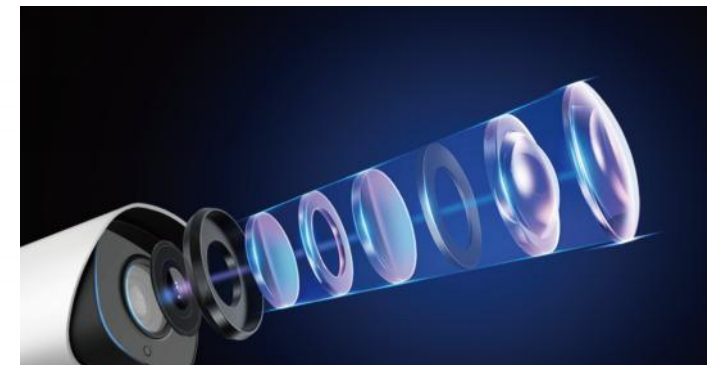
Dual Lens Type



Outdoor Low Power Consumption Type

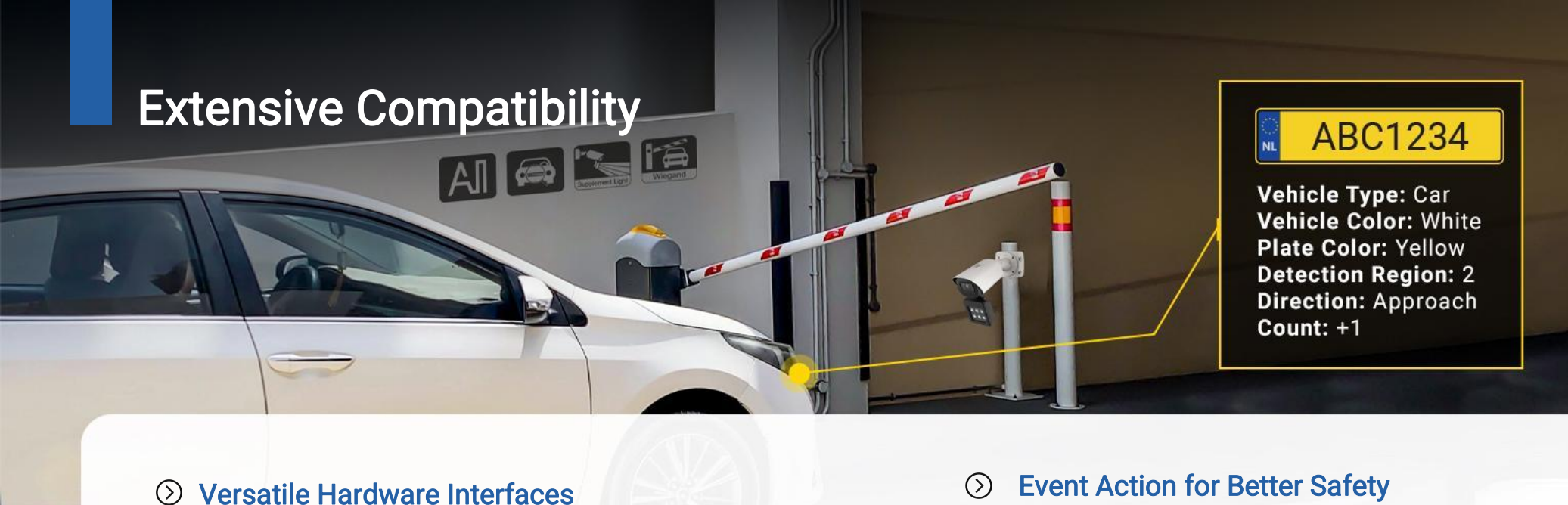


Customizable Multi-color Indicator Type



- 8~32mm, 4X Optical Zoom AF Lens
- 11~55mm, 5X Optical AF Lens
- 5.3~64mm, 12X Optical AF Lens
- 5.7~205.2mm, 36X Optical AF Lens
- Motorized 2.7~13.5mm/3.6~10mm@F1.4

# Extensive Compatibility



## ② Versatile Hardware Interfaces

- Several interfaces such as Wiegand, RS485, DC, Audio I/O and Alarm I/O are available



## ② Event Action for Better Safety

- SIP/VoIP supported to meet the demand for two-way audio
- Support FTP(File/Path/OSD Name Customization), Email, SD card/NAS, etc.



# Extensive Compatibility

## Milesight NVR & CMS



Milesight NVR & CMS are ideal for the central management site to easily monitor the traffic, making powerful Intelligent Traffic Management more convenient.



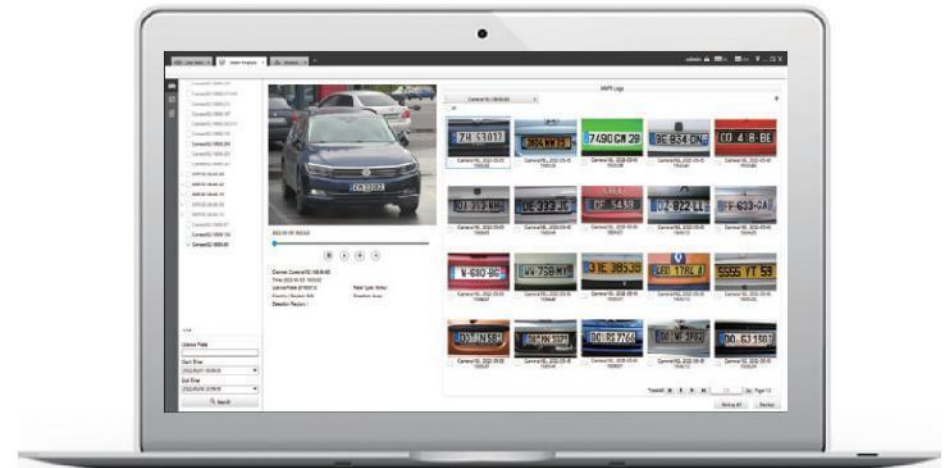
### ➤ NVR + ANPR Integration

- Real-time preview of the license plates
- Smart analysis & other more detailed settings



### ➤ CMS + ANPR Integration

- Receiving plate recognition results
- Managing events triggered by plates on blacklists or whitelists, etc.





# Extensive Compatibility

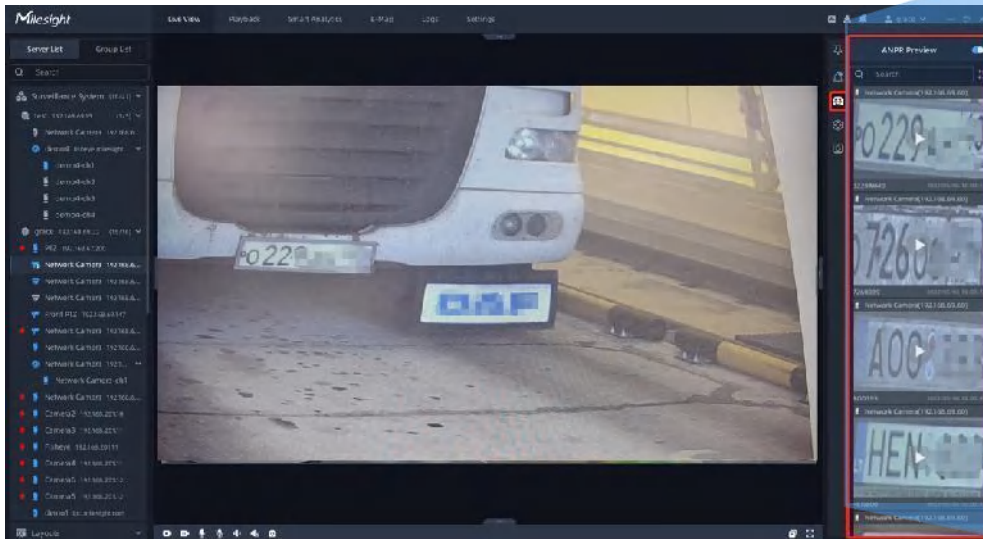
## Milesight VMS Enterprise



Milesight VMS Enterprise can work well with Milesight Intelligent Traffic cameras as well as support **Server-based ANPR** analytics to identify various vehicle and plate license attributes.



### ➤ ANPR Features Divided by Modules



#### ANPR Settings

Support various configurations for the best effect of Milesight Intelligent Traffic cameras



#### ANPR List Group

Set the rules and actions for groups individually to achieve flexible list management



#### ANPR Preview

Get quick preview of license plates pushed by front-end devices



#### Radar Data Integration

Receive data from Radar cameras to realize traffic speed monitoring



#### ANPR Smart Search

Enter corresponding license plate information to get accurate search results instantly



#### Linkage Alarm Actions

Customize the actions triggered by ANPR with Black/White List

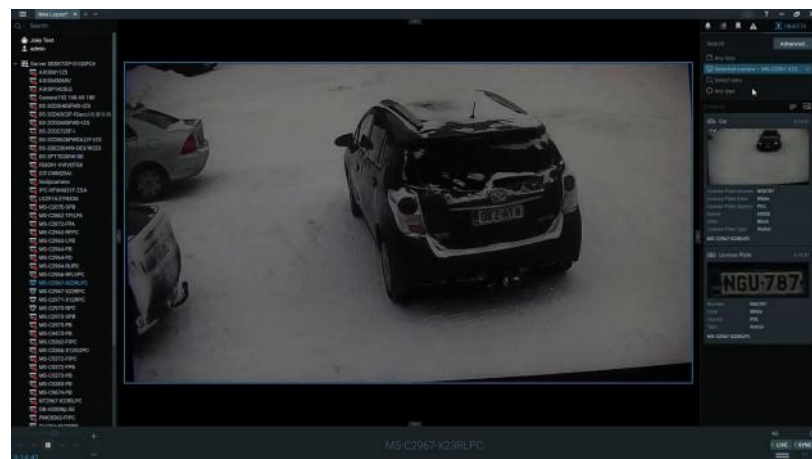
# Extensive Compatibility



Mileage

## ② Open Integration with 3rd Party

- Support third-party integration with CGI/APIs and various protocols, increasing the operational efficiency. (Wiegand, TCP, HTTP, RTSP, MQTT, Profile M, etc. )

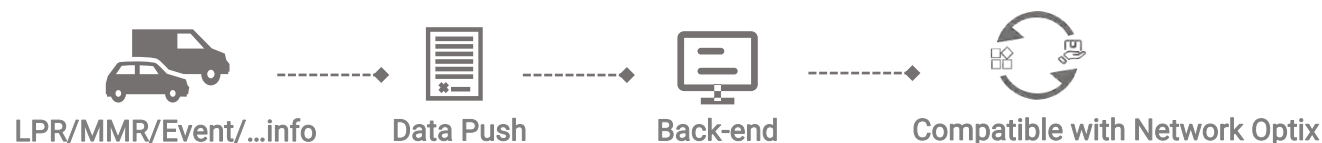


## ② Compatible with Multiple Road Scenarios

- Easy Installation and flexible angle adjustment
- 4 lanes max with Polygon Customization



- Open compatibility with third-party VMS or Platforms through CGI/APIs, such as Network Optix, etc.



# Milesight Intelligent Traffic Highlights

MS 1234C

Milesight



Stunning Image  
Performance



Vehicle Attribute Precise  
Capture



Integrated 3D Radar



Intelligent Plate  
Management & Search



Extensive Compatibility



Multiple Model Available



Various Attribute Events



Diverse Demanding  
Traffic Applications



Full Protection Features



Easy Installation



Exceptional Third-party  
Compatibility



Broad Region and  
Country Support



# MILESIGHT INTELLIGENT TRAFFIC MANAGEMENT

Milesight

## TrafficX Camera Series



TrafficX Camera  
TS5510-GH



TrafficX Enforcement Camera  
TS5511-GH

## Road Traffic Management



AI Road Traffic Radar  
Pro Bullet Plus Camera



4G Solar-Powered  
Traffic Sensing Camera



AI Road Traffic 5G Pro  
Bullet Plus Camera

## Parking Management



AloT Indoor Parking  
Management Suite



Indoor Parking  
Guidance Camera



AI Outdoor Parking  
Management Camera



AI Road Traffic Pro  
Bullet Camera



AI Road Traffic  
Supplement Light Pro  
Bullet Plus Camera



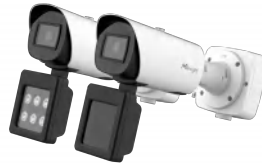
AI Road Traffic Parking  
Detection Camera



Entrance & Exit AI LPR  
Bullet Camera



Entrance & Exit AI LPR  
Pro Dome Camera



Entrance & Exit Supplement  
Light AI LPR Pro Bullet Plus  
Camera



AI Road Traffic PTZ  
Bullet Plus Camera



AI Road Traffic PTZ  
Bullet Camera



AI Road Traffic Speed  
Dome Camera

# MILESIGHT INTELLIGENT TRAFFIC MANAGEMENT

## Road Traffic Management



Various Vehicle Attributes Recognition



Speeding Detection



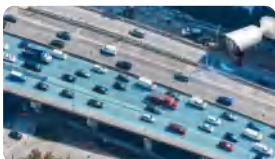
Reverse Driving Detection



Specific Lane Management



Parking Violation Detection



Traffic Flow Management



No-Plate Detection

TrafficX

## Red Light Violation Detection

ANPR+Overview  
Dual-Lens Device



### > Red Light Detection

Multiple Traffic Light Detection Methods:  
Based on **Image** or **Signal Inputs**.

### > Evidence Collection

Accurately Capture Video Evidence of Vehicles  
that Run Red Lights.

Road Traffic Management

Red Light Violation Detection

Parking Management



Black / white list management



Wiegand interface



Indoor Parking



Outdoor Parking

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# 03

# MILESIGHT ROAD TRAFFIC MANAGEMENT

- Product Overview
- Brief Introduction
- What We Offer?



# Milesight Road Traffic Management | Product Overview

Milesight



## AI Road Traffic Pro Bullet Plus Camera

- 4X Optical Zoom
- 1/2" STARVIS Starlight Sensor



## AI Road Traffic Radar Pro Bullet Plus Camera

- Advanced 3D Radar Technology
- 4X Optical Zoom



## AI Road Traffic Supplement Light Pro Bullet Plus Camera

- Integrated Supplement Light (IR LED & White LED)
- Wiegand Protocol Supported



## AI Road Traffic 5G Pro Bullet Plus Camera

- Industry-leading 5G Technology
- Easy Deployment and Compact Structure



## AI Road Traffic PTZ Bullet Camera

- Flexible Pan, Tilt and Zoom Tasks
- 12X Optical Zoom



## AI Road Traffic PTZ Bullet Plus Camera

- New-generation PTZ Motor
- 5X Optical Zoom



## AI Road Traffic Parking Detection Pro Bullet Plus Camera

- Parking Detection
- Parking Violation Detection



## AI Road Traffic Speed Dome Camera

- Smart Rain-Sensing Wiper (Optional)
- 42X Optical Zoom



## 4G Solar-powered Traffic Sensing Camera





















- 4G Technology & Solar-powered
- Radar Trigger & Low Power Consumption



# Milesight Road Traffic Management | Product Features & Applications

Milesight

## Features

Accurate License Plate Recognition	 Embedded AI LPR Algorithm	>95% 95% Recognition Rate	 Up to 200km/h
	 LPR Night Mode	 Up to 4 Detection Regions	 License Plate Serial Format
License Plate Management	 Black/White List Management		 LPR Smart Search
AI-based Attributes Recognition	 Non-Plate Recognition	 Vehicle Type/Color /Brand Classification	 Plate Color Recognition
	 3D Radar Localization		 Speed/Direction Detection
Integrated Radar Technology	 200KM/H		 Speed Thresholds for Different Lanes
Versatile Applications	 Reverse Driving	 Evidence Linkage	 Exclusive Lane Detection
	 Vehicle Counting		 Illegal Parking Detection
	 Broad Regional and Country Support: Mid-east, Africa, Asia-pacific, America, Europe, Russian-speaking countries		
Supported Regions			

## Typical Applications



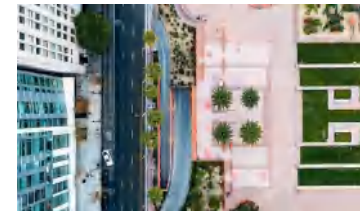
Rural Road



Urban Road



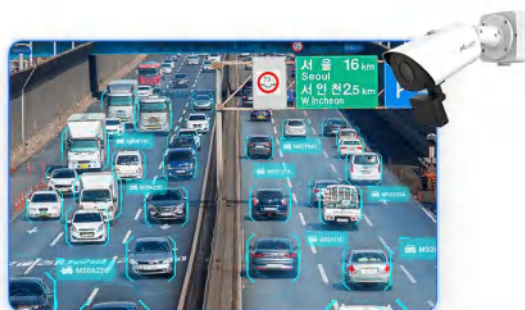
Remote Area



Community Road

# Milesight Road Traffic Management | Brief Introduction

Milesight



## ① Brief Introduction

Milesight Intelligent Traffic Cameras go beyond reading plates to achieve efficient traffic management that make traffic safer and smoother.

★ Traffic Enforcement

⌘ Traffic Flow Management

Ⓟ Illegal Parking Detection

📡 Speed Monitoring  
200KM/H



# What We Offer | Traffic Enforcement Management

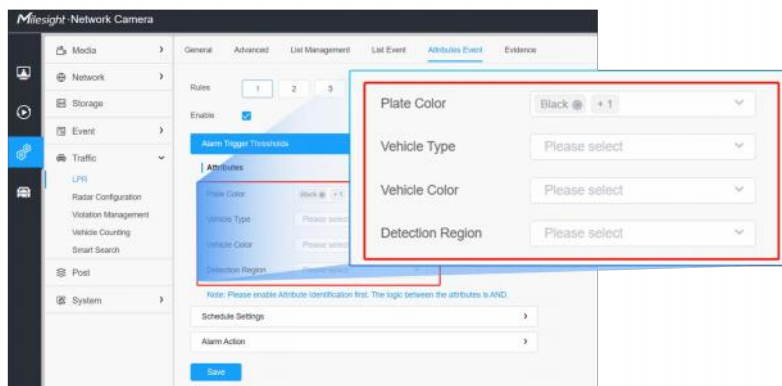


Milesight's Intelligent Traffic camera utilizes AI-based attributes recognition and analysis to detect and monitor traffic violations. By combining different events and setting specific rules, the camera enables comprehensive traffic enforcement management, promoting road safety and compliance with regulations.

## Attributes Event

### ◆ Exclusive Lane Detection

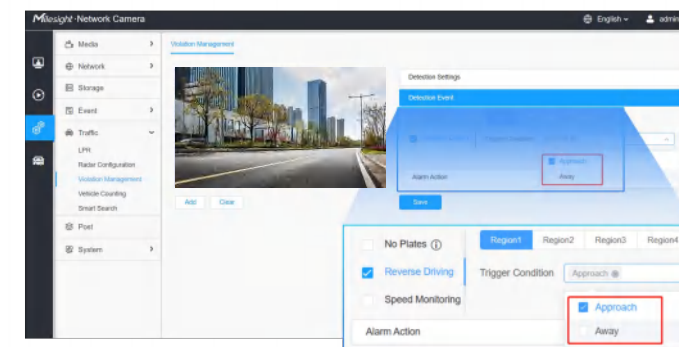
- Customize Attributes Events (**Plate Color**, **Vehicle Type**, **Vehicle Color**) for Detection Regions
- Support Scheduling Settings
- Support Record & Snapshot for Evidence



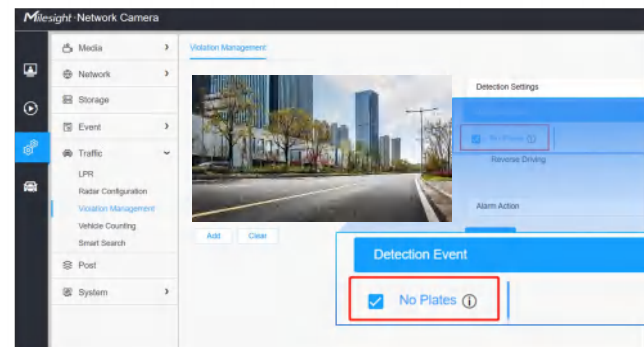
## Violation Management

### ◆ Reverse Driving Detection

- Customize **Trigger Condition** (**Approach & Away**) for 4 Regions
- Support Record & Snapshot for Evidence

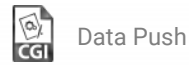


### ◆ No-plate Vehicle Capture

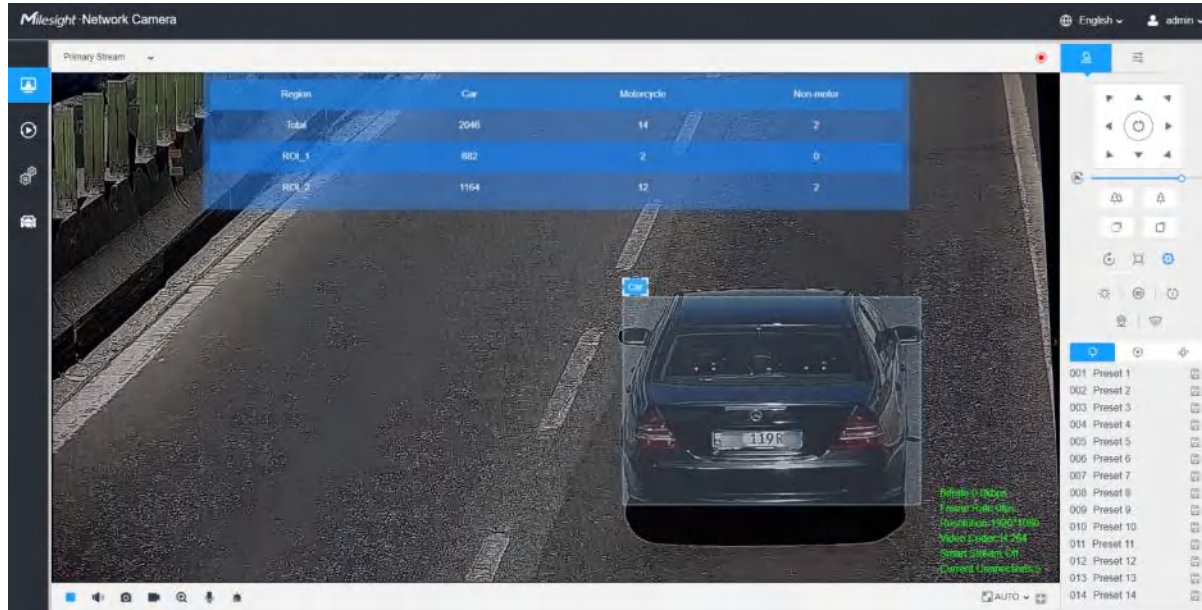


# Milesight Road Traffic Management

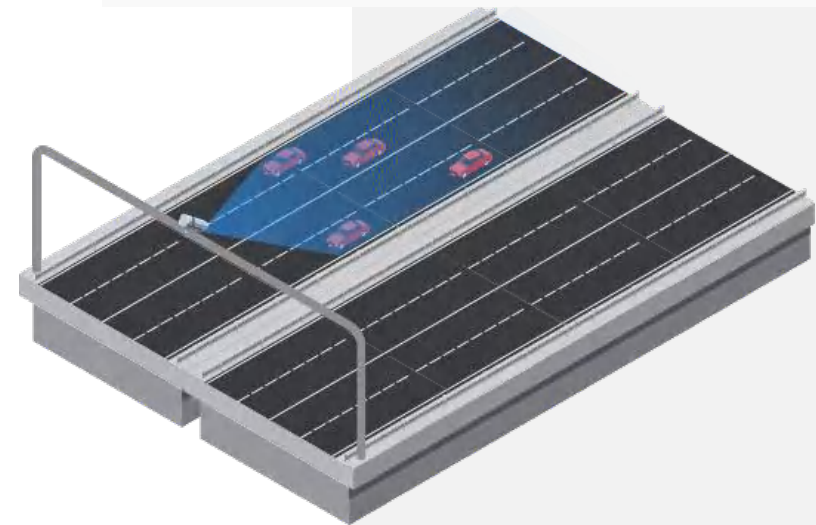
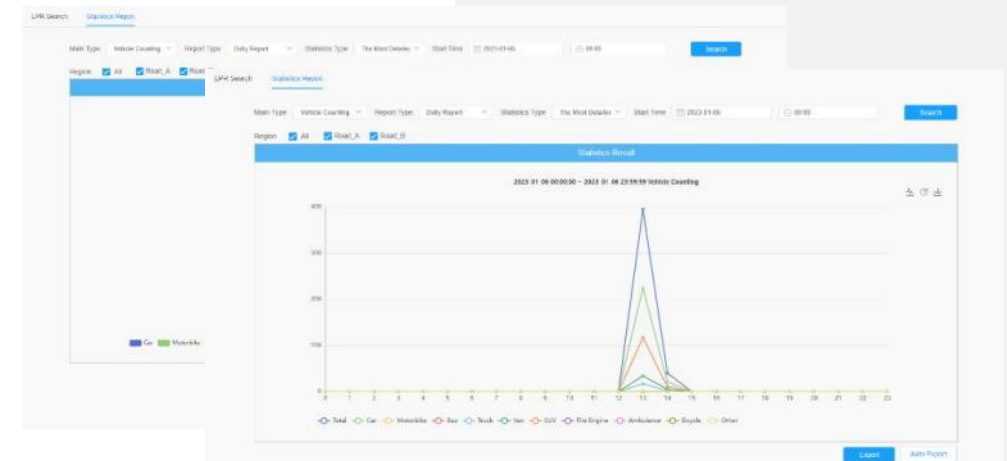
## What We Offer | Traffic Flow Management



- Counted by **Specific Vehicle Type** (Car/Motorcycle/Non-motor) or **Car Size** (Small/Medium/Large Vehicle)
- Waiting area /dynamic vehicle counting
- Information about traffic flows for 24/7
- Support **Intuitive Statistical** report export
- Support specific lane or all lanes **Data Export**



## Intuitive Report



# Milesight Road Traffic Management

## What We Offer | Speed Enforcement



Data Push

### ◆ Speed Monitoring + LPR

- Speed control & violation management
- Overspeed driving/low speed driving
- Support multiple search formats
- Measurement of Multiple Vehicles in Different Lanes with High-Precision 3D Radar
- Support automatic calibration mode for accurate target speed detection
- Configure Max. & Min. Speed Limit for each lane for vehicle speed monitoring
- Support debug mode to improve the accuracy of speed recognition

### ◆ Key Features



Vehicle Speed Detection



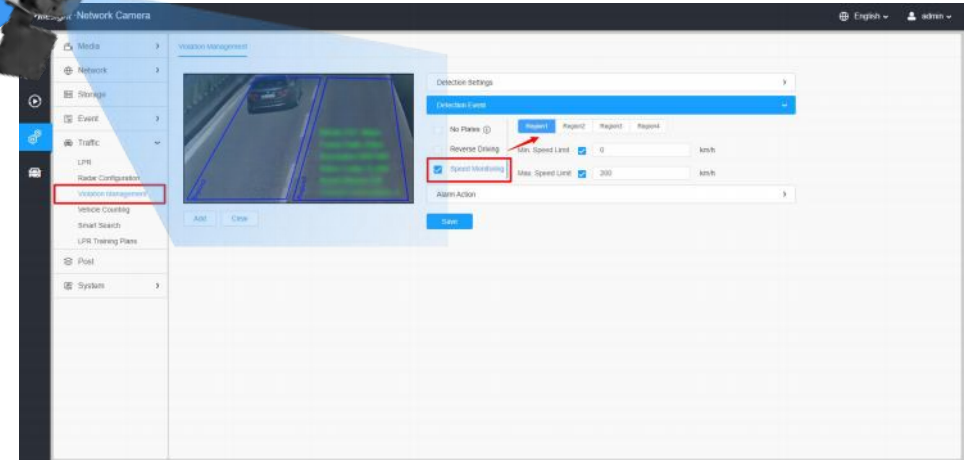
Direction Detection

LPR Search Statistics Report

Plate Type: All License Plate: Start Time: 2023-03-26 00:00:00 End Time: 2023-03-26 23:59:59

Plate Color: All Vehicle Type: All Vehicle Color: All Direction: All

Speed: More Than km/h



### ◆ Excellent Radar Capabilities



3D Radar  
Localization



Up to 90m  
Detection Distance



Up to 200km/h  
Speed Capture



More than 95%  
High Accuracy



Up to 4 Lanes  
Monitoring

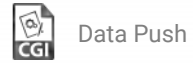


Up to 32 Vehicles  
Detected at One Time



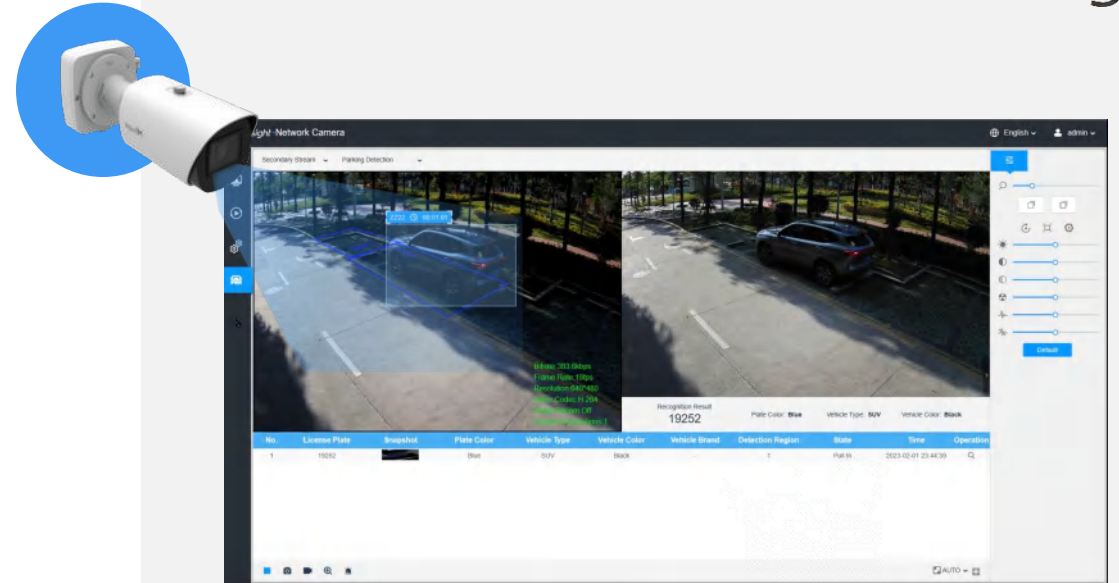
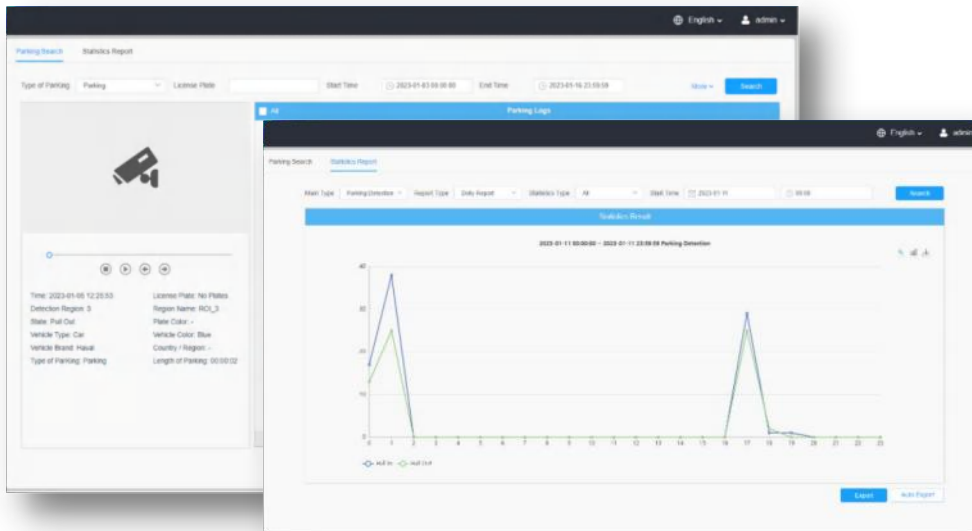
# Milesight Road Traffic Management

## What We Offer | Roadside Parking Detection



### Application Roadside Parking Management & Tolling

- Support parking detection
- Support detecting **4 Parking Spaces** at the same time
- Support pushing of vehicle **Pulls in/out Time and Residence Time**
- Support real-time post or periodic post
- Support smart search and statistic report



# Milesight Road Traffic Management

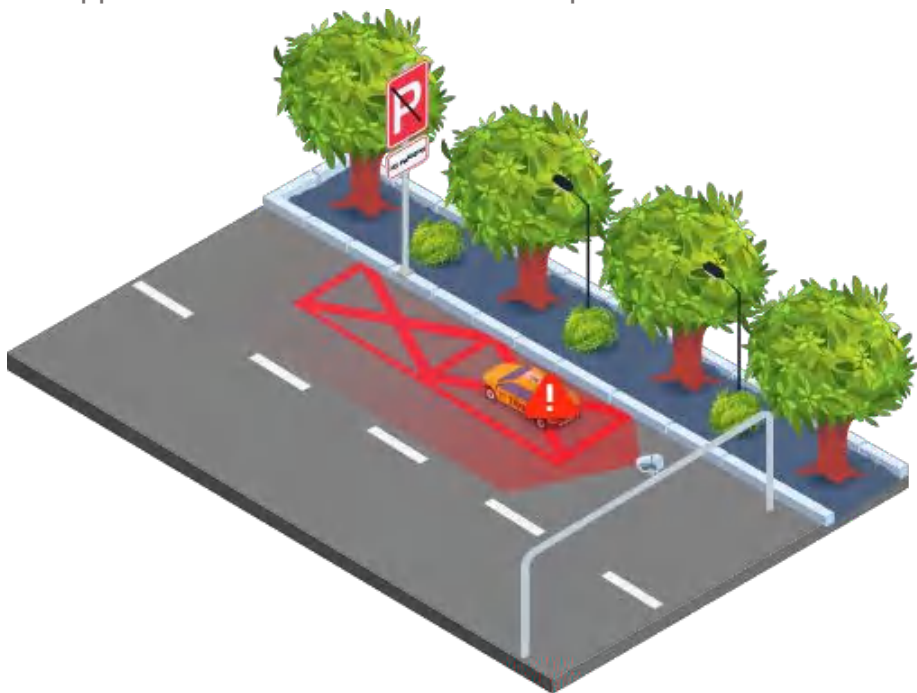
## What We Offer | Parking Violation Detection



Data Push

### Application Illegal Parking Enforcement

- Support simultaneous detection of **2 Illegal Parking Areas**
- Support **9 Types** of permitted vehicles
- Support real-time detection, timing and trigger alarm
- Support pushing vehicle residence time and snapshot/record
- Support smart search and statistic report



General Parking Detection Parking Violation Detection

Parking Search Statistics Report

Type of Parking: Parking License Plate: Start Time: 2023-03-26 00:00:00 End Time: 2023-03-26 23:59:59

Detection Region: All State: All Plate Color: All Vehicle Type: All

Vehicle Color: All Length of Parking: All

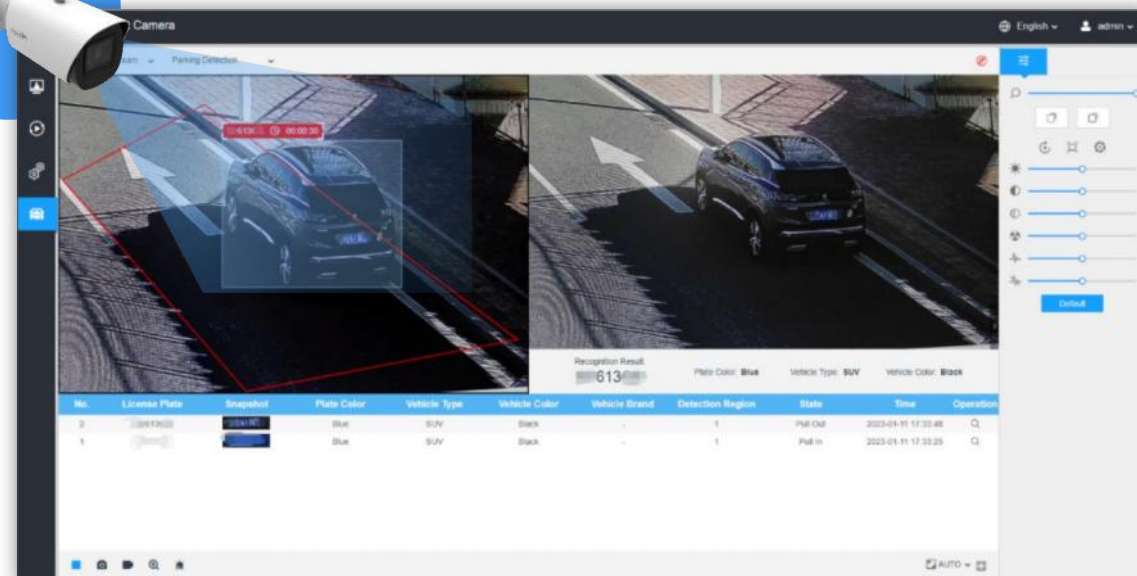
External Output

☐ Play Audio (Please enable the Audio Stream)

☐ Alarm to SIP Phone (Please open the SIP)

☐ WTP Notification

Search



# 4G Solar-powered Traffic Sensing Camera

Real-time Vehicle Capture · Environmental Sustainability



4G



Solar Powered



Object Capture



Weather Proof

NDAA

GPS



## > Key Features

- **4G Technology** for data transmission
- **Solar-powered** & battery & type-C
- Improving vehicle capture accuracy with **Radar Sensitivity & AI Confidence** settings

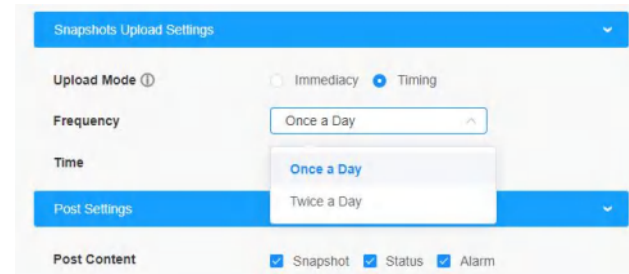


- Precise positioning via GPS
- **Wire-free** & easy deployment
- Excellent structure design



## > How it Works?

- **Timing & Immediacy** upload mode to enhance real-time monitoring



- Standby mode for low power consumption  
Entering sleep mode if there is no **vehicle triggering** snapshots or any **device configuration** activity for more than **5 minutes**.

- **Sleep Delay & Capture Interval** configuration increase efficiency



- **MQTT/HTTP** for data post



# 4G Solar-powered Traffic Sensing Camera

Real-time Vehicle Capture · Environmental Sustainability



4G



Solar Powered



Object Capture



Weather Proof

NDAA

GPS



## ➤ Application Examples

- Find stolen vehicles, reduce crime rate
- Tacking illegal dumping
- Traffic flow collection for further insights

More to explore.....



Community Road



Flexible Enforcement



Environmental Protection Area



Remote Area

## Illegal Parking Capture

## Entrance & Exit Time Capture for Parking Lot

### ➤ Pain points

- Violation of reserved parking spaces
- Challenge of temporary equipment deployment
- **Quick Deployment** in suburban/field areas

### ➤ Highlights

- 4G LTE for **Wireless Transmission**
- Solar power + 21.2Ah lithium-ion battery
- Designed for low profile, covert installations

### ➤ Benefits

- **Automatic Capture** of passing vehicles
- Get location information quickly and accurately
- Help enforcement departments to improve efficiency



# 04 MILESIGHT PARKING MANAGEMENT

- Product Overview
- Brief Introduction
- What We Offer?

# Milesight Parking Management | Product Overview

Milesight

## ② Entrance & Exit Management



### Entrance & Exit AI LPR Pro Dome Camera

- Advanced Motorized Lens
- Smart IR II Technology
- 140dB Super WDR



### Entrance & Exit AI LPR Bullet Camera

- Advanced Motorized Lens
- Smart IR II Technology
- 140dB Super WDR



### Entrance & Exit Supplement Light AI LPR Pro Bullet Plus Camera

- Integrated Supplement Light
- Wiegand Protocol Supported
- IR LED Light or White LED Light Optional

## ② AloT Indoor Parking Management Suite

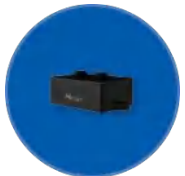


### On-edge ANPR Camera

- Entrance & Exit Supplement Light
- AI LPR Pro Bullet Plus Camera



### Data Transmission for a Wide Area Semi-Industrial LoRaWAN® Gateway UG65



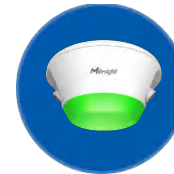
### Detect Space Occupancy Wirelessly at Low Power

LoRaWAN® Ultrasonic Distance/Level Sensor EM310-UDL



### Covering Signal Blind Spot Mini LoRaWAN® Gateway UG63

## ② Indoor Parking Management Camera



### Indoor Parking Guidance Camera

- Dual Lens Monitoring
- Multi-color Light Indicators
- PoE Daisy Chain Supported

## ② Outdoor Parking Management Camera



### AI Outdoor Parking Management Pro Bullet Plus Camera

- 4K Ultra High Resolution Image Capture
- 1/1.8" STARVIS 2 Sensor for Better Night View
- 3.6~10mm Motorized Lens



# Milesight Entrance & Exit Management

## > Brief Introduction

Milesight Entrance & Exit AI LPR Camera provides real-time recognition of vehicle plates and identification of various vehicle features, enabling enhanced management and control of vehicle flow for a secure and streamlined access experience.

 License Plate Recognition

 Plate Color Recognition

 Vehicle Type Classification


 Vehicle Color Recognition

 Vehicle Brand Recognition

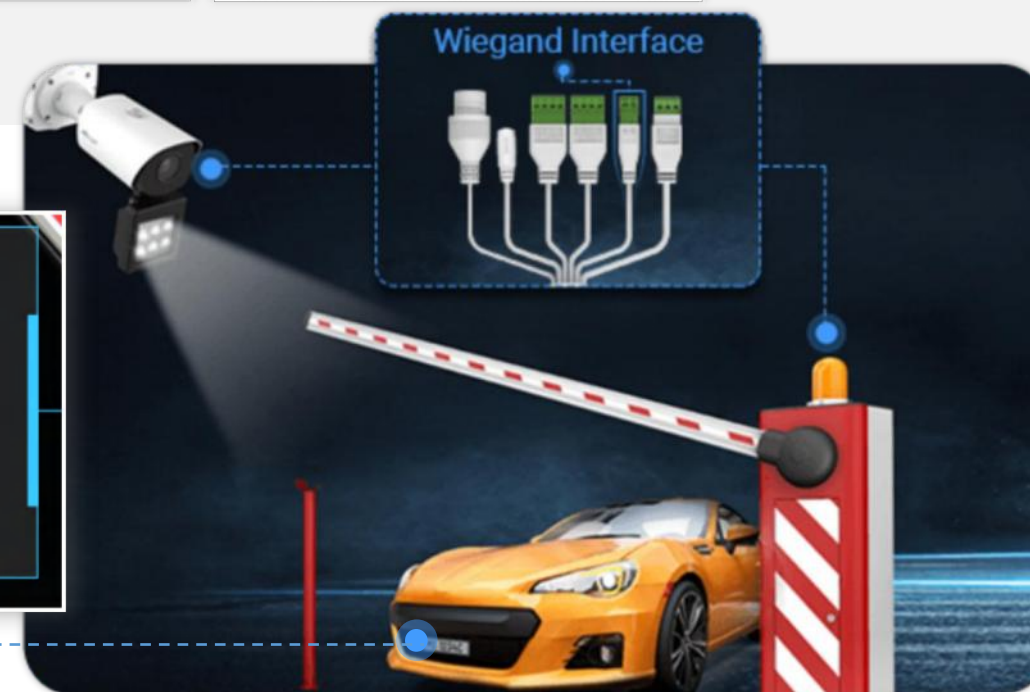
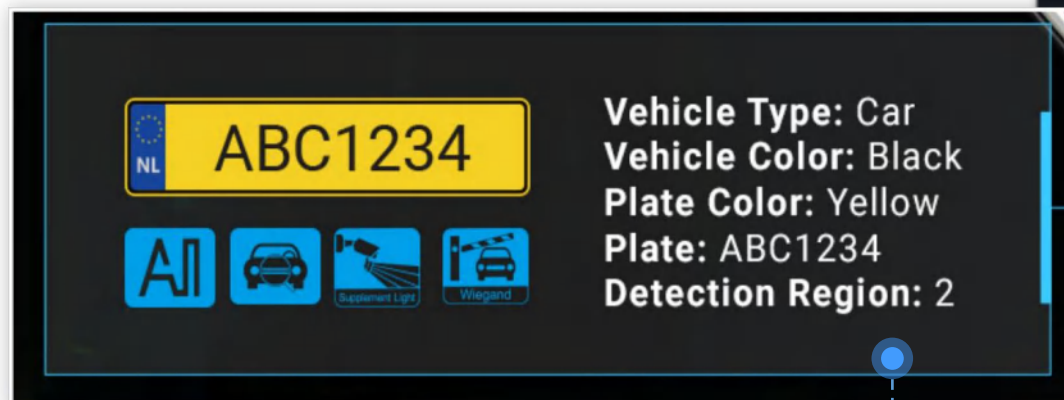
 No-plate Vehicle Capture

 Smart Search

 Data Push

 White/Black List Management

 Wiegand Interface



# Milesight Entrance & Exit Management



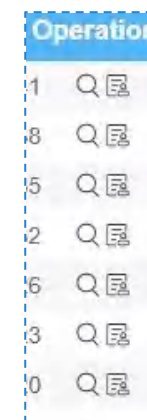
## What We Offer | LPR Live View Professional Mode



No.	License Plate	Snapshot	Plate Type	Plate Color	Vehicle Type	Vehicle Color	Vehicle Brand	Speed	Direction	Detection Region	Time	Operation
1	ABC1234		Visitor	Blue	SUV	White	Honda	-	4 Approach	1	2023-02-01 14:29:52	
2	ABC1234		Visitor	Blue	Car	Black	Geely	-	4 Approach	1	2023-02-01 14:29:49	
3	ABC1234		Visitor	Blue	SUV	White	Honda	-	4 Approach	1	2023-02-01 14:29:52	
4	ABC1234		Visitor	Blue	Car	Black	Geely	-	4 Approach	1	2023-02-01 14:29:49	
5	ABC1234		Visitor	Blue	SUV	White	Honda	-	4 Approach	1	2023-02-01 14:29:52	
6	ABC1234		Visitor	Blue	Car	Black	Geely	-	4 Approach	1	2023-02-01 14:29:49	
7	ABC1234		Visitor	Blue	SUV	White	Honda	-	4 Approach	1	2023-02-01 14:29:52	
8	ABC1234		Visitor	Blue	Car	Black	Geely	-	4 Approach	1	2023-02-01 14:29:49	

◆ Quick View

◆ Operation Control

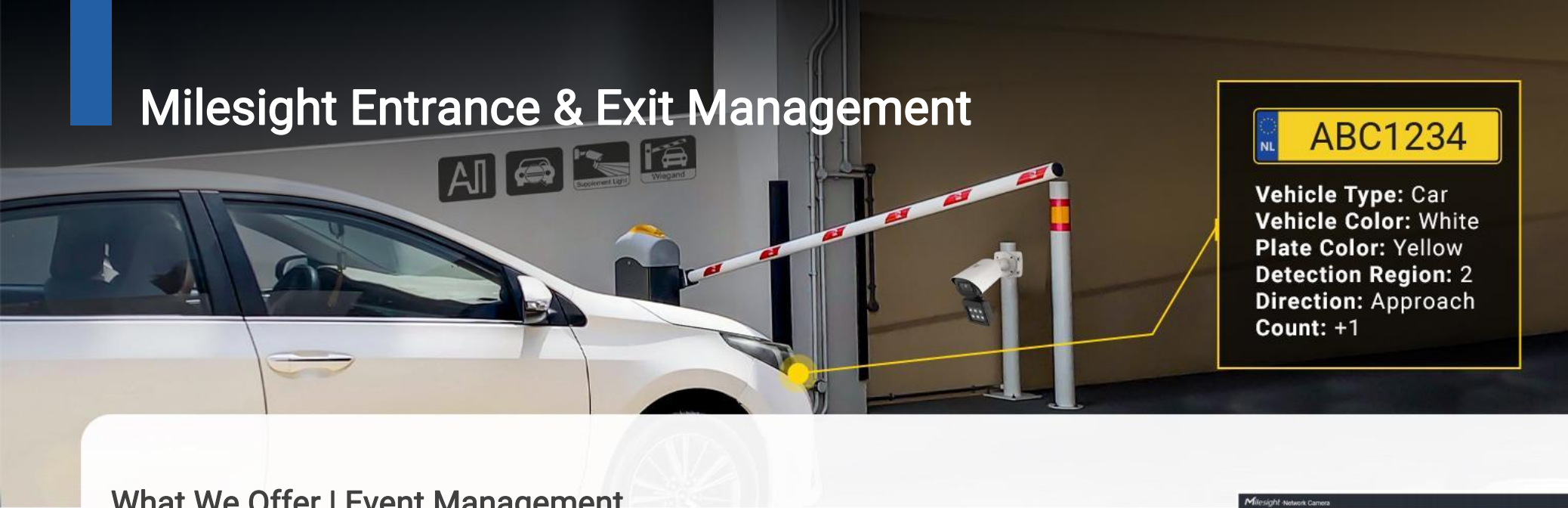


Add

License Plate

Type

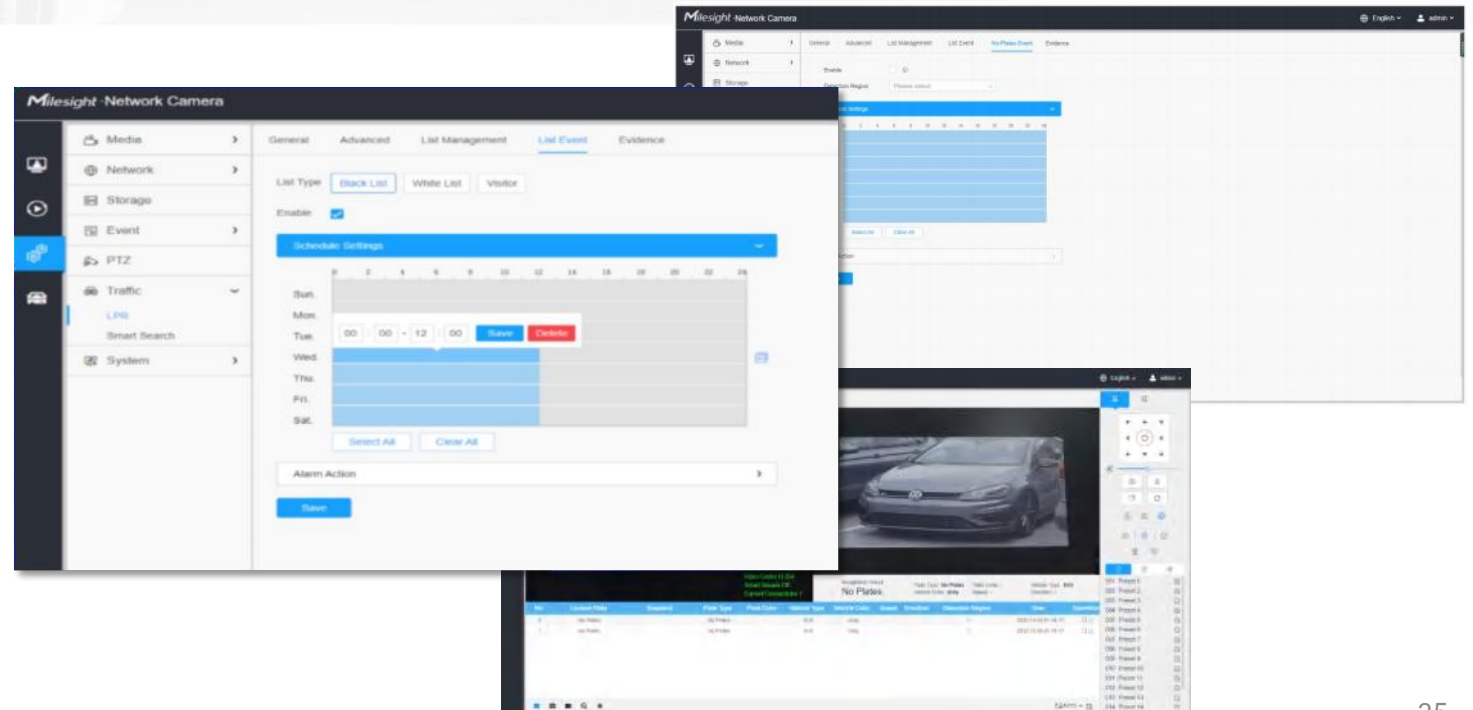
# Milesight Entrance & Exit Management



## What We Offer | Event Management

### ➤ Event Management

- Support different list types (Black List, White List, Visitor) and trigger corresponding alarms of list events
- Support input 20,000 Licence Plate
- Support no-plate event
- Offer individual license plates that can be defined to different lists at different times





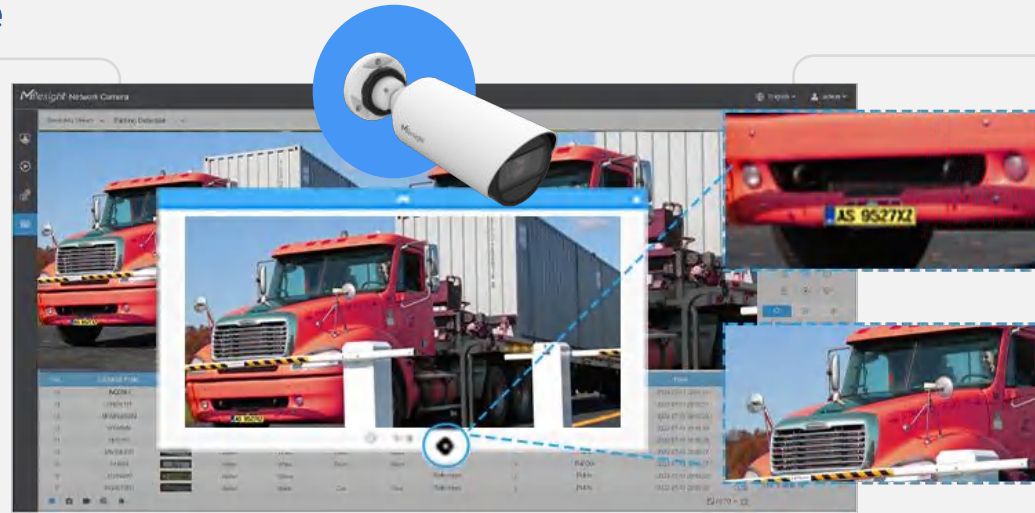
# Milesight Entrance & Exit Management



## > What We Offer | Evidence Linkage

### Improve Enforcement Efficiency

- Linking LPR camera and regular camera for evidence capture
- **LPR Camera** for license plate recognition and linkage triggering
- **Regular Camera** for full snapshot of the scene



- ▶ Provide solid evidence with LPR results together with overview snapshot, such as driver's face and loaded materials in trucks

## > What We Offer | More

### Repeat Plate Checktime

Set the time interval for repeatedly reading license plates to obtain detailed information

**Detection Settings**

Detection Mode: ☒ Plate Priority ☐ Vehicle Priority ⓘ

Detection Trigger: Always

Repeat Plate Checktime: 0 ms (0-60000)

License Plate Serial Format: [Edit](#)

### License Plate Serial Format

Support predefined number/character format output, filtering license plates in **Non-compliant Formats** to achieve more intelligent and accurate license plate recognition

**Edit**

☒ Filter out results with incorrect character count

ID	License Plate Character Count	License Plate Serial Format	Enable	Operation
0	All	*	<input checked="" type="checkbox"/>	

[Add](#) [Delete All](#)

A - Letters Only 1 - Numbers Only \* - Unrestricted Type  
Example: AA1111\*

[Save](#) [Cancel](#)

# Milesight Entrance & Exit Management

## ② What We Offer | Smart Search

- Real-time Detection Results
- Detected Time, Live Snapshot, License Plate
- Search by Plate Color, Vehicle Type & Color, Speed, Direction, etc.
- Manual Export & Auto Export

LPR Search

Plate Type	All	License Plate		Start Time	2023-03-20 00:00:00	End Time	2023-03-20 23:59:59
Plate Color	All	Vehicle Type	All	Vehicle Color	All	Direction	All
Speed	All						

Auto Export

Enable ☒

Day

Time

Export Time Range

Export to ☐ FTP ☐ Email ☐ Storage

Milesight Network Camera

Smart Search

Plate Type: Visitor License Plate: Start Time: 2022-04-18 00:00:00 End Time: 2022-04-18 23:59:59

Time: 2022-04-18 09:31:24 License Plate: DOBK Plate Type: Visitor Plate Color: White Vehicle Type: Car Vehicle Color: Red Speed: - Direction: away Detection Region: 1 Country / Region: DEU

LPR Logs

2 BKZ-2	DO TP 41	DO M	DO MY	DO KD 20
DO TD 21	DO BK 66	DO KD 3	DO SO 21	PB UP 2
DO NN 2	DO BO 8	DO LM 66	DO AE 16	DO SR 51

Total 115

# Milesight Parking Management

## ➤ Brief Introduction

Milesight Parking Management Camera Series incorporates AI deep learning algorithms to accurately detect parking space occupancy, improving indoor and outdoor parking management. It also includes Entrance and Exit cameras enhancing access control, providing users a more efficient and convenient parking experience.



Embedded AI  
LPR Algorithm



Plate Color Recognition



Vehicle Type Classification



Vehicle Color  
Recognition



Smart Search



Data Push



Parking  
Management



No-plate Vehicle  
Capture



Wiegand Interface



Dual Lens Covering



White/Black List Management



98% Parking  
Occupancy Detection



Vehicle Brand Recognition





# Milesight Parking Management

## Application Outdoor LPR Parking & Occupancy Management

Application Mode

☒ Parking & Occupancy Detection



AI Outdoor Parking Management Pro Bullet Plus Camera

PMC8266-FPC



### > LPR Parking Detection Mode

Play Video



- Support **License Plate Recognition and Time Display**
- Support up to **4 Spaces** occupancy detection
- Support real-time detection, timing and alarm trigger

### > Occupation Detection Mode

Play Video



- Support up to **100 Parking Space** occupancy detection
- Support real-time/periodic report, pushing the data of Duration time, snapshot, etc.
- Support **Parking Image Enhancement Mode** to improve recognition accuracy
- Recommended installation height not less than 10 meters

Milesight



# AIoT Indoor Parking Management Suite

## Application Indoor Parking Space Occupancy Management

### > What We Offer



### ◆ Supplement Light AI LPR Camera

- AI-powered LPR Algorithm
- Integrated Supplement Light
- Wiegand Protocol Supported

### ◆ Sensor EM310-UDL

- Dual Ultrasonic Sensor
- LoRaWAN® Based
- Easy Configuration (via NFC)

### ◆ UG65 LoRaWAN Gateway

- New Generation of LoRa Chip
- Deep Penetration&High Capacity
- High Compatibility
- Low Power Consumption

### ◆ UG63 LoRaWAN Gateway

- Massive Connectivity
- Blind Spot Coverage
- Gateway Fleet
- High Compatibility
- Low Power Consumption

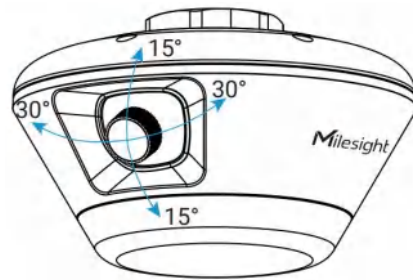
# Indoor Parking Guidance Camera

Impressive hardware features ensure exceptional performance in the parking machine.



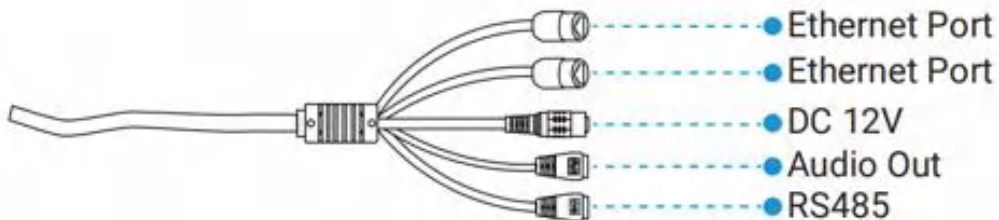
## > Dual-lens

- Cover 6 parking spaces, 3 on each
- Flexible angle management



## > Versatile Interfaces

- Audio out for voice prompts



## > Customized Indicator

- Setting lights based on space status:
- **Full/Free/Special**
- Dynamic display of special spaces



## > Easy Deployment



- **PoE Daisy Chain** simplifies installation and reduces complexity
- Simple and hassle-free installation:
- **Drilling Installation**-default
- **Track-mounted Installation**-customizable





# Indoor Parking Guidance Camera

Driving Efficiency and Intelligence through Cutting-Edge Software Features



Milesight



## AI LPR & Vehicle Recognition

- License Plate Number
- License Plate Color
- Vehicle Color
- Vehicle Type



## Third-Party Compatibility

[HTTP/TCP/MQTT](#) for data transmission



## AI Parking Space Occupancy Detection

Accurately detect parking space occupancy

Region : 1  
Name : Parking\_1  
Occupied

Region : 3  
Name : VIP Space  
Occupied

Region : 2  
Name : Parking\_2  
Unoccupied

# 05 MILESIGHT TRAFFICX CAMERA SERIES

# Intelligent Traffic Camera Series

See Broader · Detect Clearer · Scan More



## TrafficX Camera Series

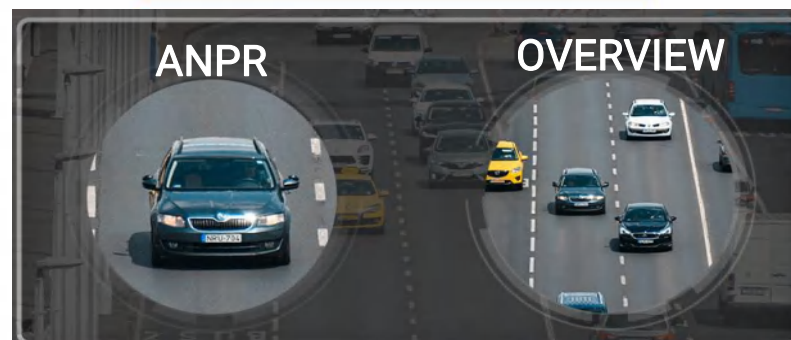


TrafficX Camera  
TS5510-GH



TrafficX Enforcement Camera  
TS5511-GH

## Dual-Lens Device



## 250km/h High-speed Recognizable

Excels in capturing details in  
**Fast-paced Dynamic Scenes.**

## 24/7 High Accuracy

Achieving **99% Capture Rate** and **98% License Plate Recognition Rate** even  
in low-light environments.

## Zero Installation Inconvenience

Enhanced installation convenience with  
**4G Module** and easy angle adjustment.



# Intelligent TrafficX Camera Series

See Broader · Detect Clearer · Scan More

TS5510-GH  
TS5511-GH

Milesight



## Features

Superior chipset with AI ISP

Support **99% Capture Rate** and **98% License Plate Recognition Rate**

**2\*5MP Auto Focus Lenses**

Up to **50m ANPR Distance**

Up to **2-3 Lanes Detection**

Support **GPS/4G Module (Optional)**

Support **TCP/HTTP/MQTT** protocols

Support **CGI/API** for 3rd party integration

Support **1TB** SD card for edge storage

## Typical Applications



Intersection



Highways



Urban Road



Low Emission Zone Monitoring

# Milesight TrafficX Camera Series

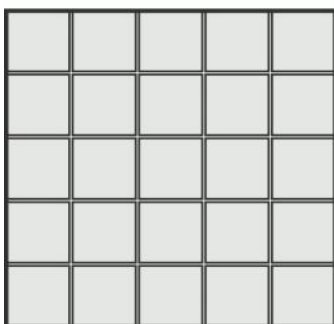
TS5510-GH  
TS5511-GH

Milesight

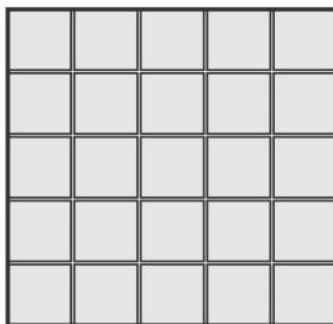
## ◆ What We Offer?

- Global Shutter Technology
- Support **Frame Parity Flashing** settings for reflective and non-reflective license plate scenarios
- **Dual IR Wavelength Options (850nm and 740nm)** for accurate detection in varying contrast levels and lighting conditions
- Support accurate and efficient identification of vehicles in high-speed scenarios with advanced computing capabilities

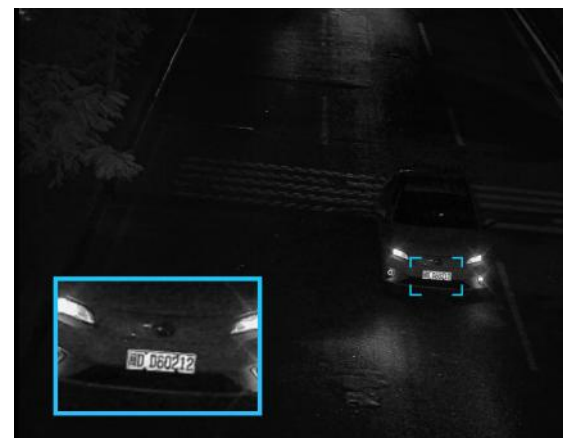
Rolling Shutter



Global Shutter



Light Source



Capture clear and detailed **vehicle/license plate** details with precision



740nm IR wavelength: Ideal for **low-contrast** license plate recognition

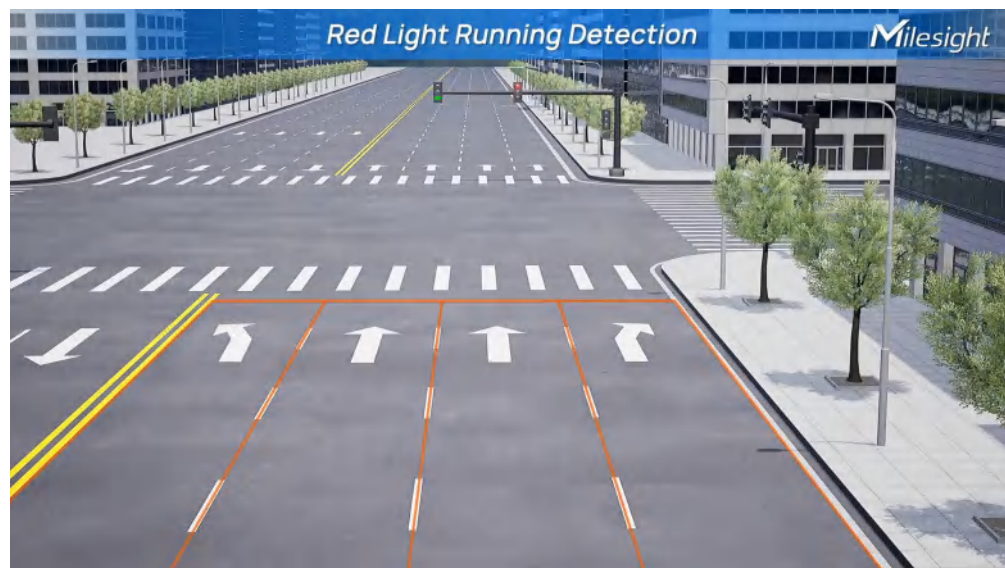
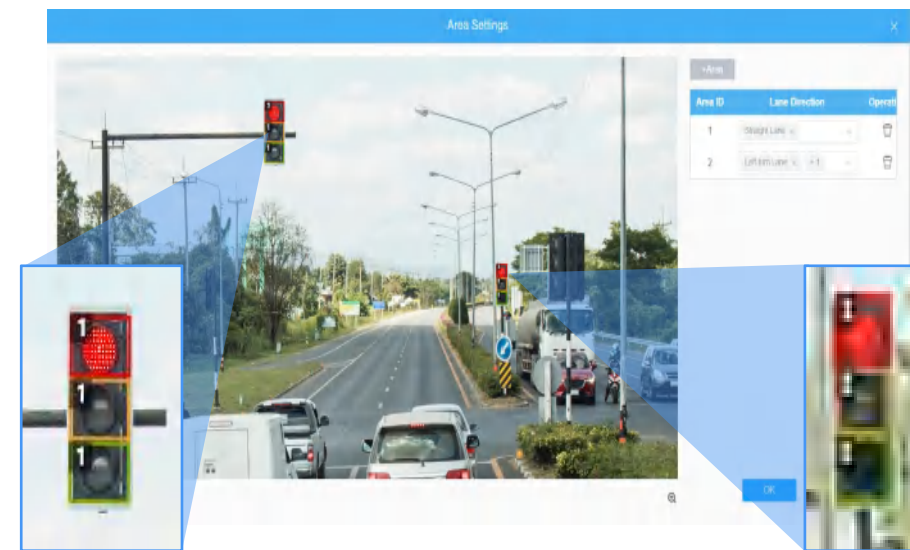
# Milesight TrafficX Camera Series TS5511-GH



## What We Offer | Red Light Violation Detection

### ➤ Key Features

- Cross line at red light & red-light running
- Support 4\* external input for multiple light status detection
- Detect the status of 2 Groups of traffic signal lights
- Pre-calibrated Area settings for improved accuracy
- Support Customization in Directions of red-light running detection trigger line to meet legal requirements across different countries (Straight Lane/ Left-Turn/ Right-Turn)
- Tailoring recording durations(5-30s) to suit your requirements



**Signal Docking**

Docking Mode: External Input

Lane Interface

Lane	Red Light Input No.	Yellow Light Input No.
Straight Lane	1	None
Left-turn Lane	None	None
Right-turn Lane	1	None

1  
2  
3  
4



A solid blue vertical bar on the left side of the slide.

# 06 SUCCESSFUL CASES

# Successful Cases



## Speed Enforcement in Spain

### > Customer Pain Point

- Covering the direction of **Entry into the City / Key Road Sections**
- Monitoring the speed of passing vehicles for 24/7
- Reducing the deployment cost of traffic police

### > Solution Highlights

- Advanced **Radar Technology** provides real-time vehicle speed monitoring
- Linking with **Display Screens** to show information of speeding vehicles
- Evidence linkage, providing complete & solid evidence
- Reducing traffic accidents, effectively improving traffic stability



# Successful Cases



## 4000+ LPR Cameras for Urban Security in North America

### > Customer Pain Point

- NDAA compliance products
- Covering Highway Monitoring
- Applied to Urban Security Projects to improve the efficiency of law enforcement agencies

### > Solution Highlights

- 4000+ Intelligent Traffic Series cameras are installed
- 24/7 Complete Surveillance solution
- Excellent Compatibility with third-party software, easy to manage
- Improve the efficiency and stability of urban road environments





# Milesight Intelligent Traffic Cameras

Milesight

- ◆ Excellent LPR Deployment Cases around the World





# THANKS FOR WATCHING



Stay in Touch on Milesight Social Media!



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