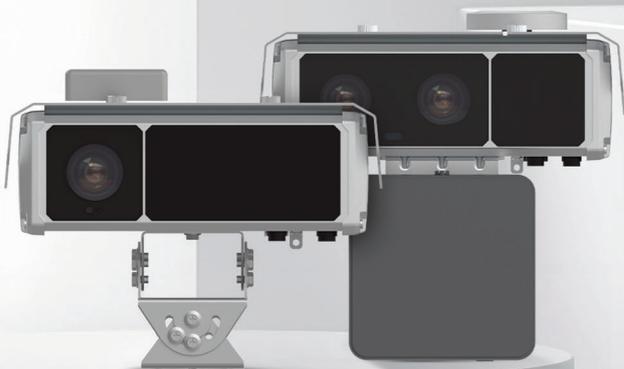


Milesight

# NEW PRODUCTS

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4G Solar-powered  
Wireless Perimeter Defense  
TrueColor  
Radar-Video Fusion  
High Speed ANPR



# 4G Solar-powered Camera Kit

Eco-friendly Security for Off-grid & Remote Area



## ►► Fast Deployment without Existing Infrastructure



### All in 1 Kit

Camera, battery, solar & AI in one kit



### Only 2 Watts

Ultra-low power consumption design



### 17 Days Battery Life

Up to 17 days of continuous recording



### 3rd Party Compatibility

Works with third-party VMS

## ►► From Intruders to Plates, All Covered



### 4G Solar-powered **Security** Camera

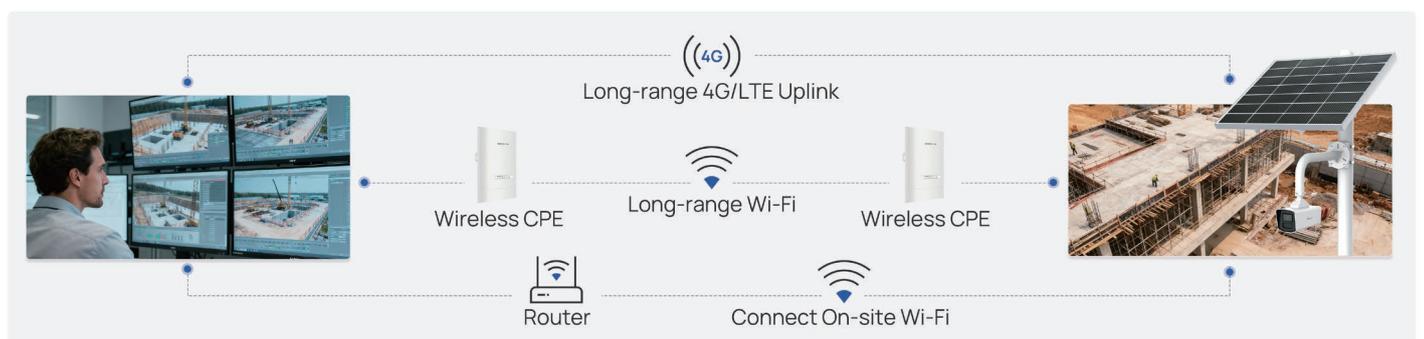
- 2.8mm/6mm Lens
- Perimeter Protection & Proactive Defense
- Illegal Dumping Detection
- Vehicle/Human Classification



### 4G Solar-powered **ANPR** Camera

- 6mm/16mm Lens
- Comprehensive License Plate & Vehicle Type Recognition
- Efficient List Management & List Event
- No-plate Event

## ►► Seamless Connectivity, Anywhere



# Milesight 4G Solar-powered Perimeter Sensing Camera

Wireless perimeter defense with AI visual verification

AI PIR AOV GDPR IP67



## Wireless for Off-grid Perimeter Protection



### PIR + AOV + AI Tri-sensing

Ultra-low false alarms with 30m detection distance



### 4MP Image & Recording

F1.0 large aperture & 1/1.8" CMOS



### Low-power Design

Extends battery life for long-term operation



### Wireless Deployment

4G/WiFi connectivity + solar powered

## How it Works



Audio Out



Audio Deterrence

HTTP(S)/MQTT(S)/SMTP(Email)



Image



Recording

### Suspicious Activity Detection

- **Two motion detection modes:** PIR sensing and AOV (Always-On Video)
- **AI visual verification:** Reduces environmental false alarms and focuses on real human events
- **Noise detection:** Monitors ambient sound and triggers alarms when it exceeds the set threshold

### Trigger Alert & Action

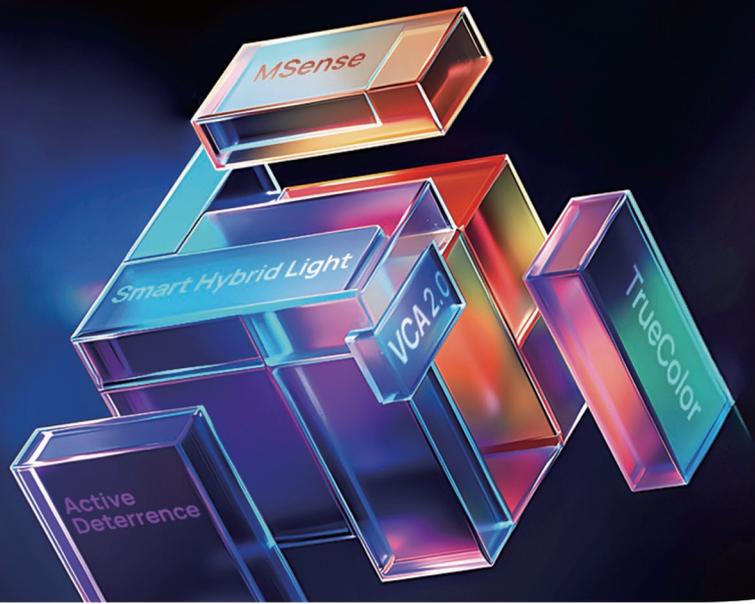
- **Flexible evidence capture:** Snapshot only, short clip only, or snapshot + short clip
- **External speaker support:** Plays alarm tones or pre-recorded voice messages for deterrence
- **Multi-channel notifications:** Sends alerts via HTTP(S)/MQTT(S)/SMTP (Email) for fast integration with monitoring and alarm platforms

## Smart Working Modes to Save Power Consumption

Working Mode	PIR	AOV	Scheduled Image	Exception Event	Remote Wake-up
ActiveGuard Mode	✓	✓	✓	✓	✓
EcoSnap Mode	✗	✗	✓	✓	✓
Standby Mode	✗	✗	✗	✓	✓

# Milesight Q Series

See in TrueColor, Stay On-Guard



## ▶▶ Key Highlights of Milesight Q Series

TrueColor Image	Built-in Deterrence	Smarter AI	Easy Deployment
<ul style="list-style-type: none"> <li>• 4/5/8MP</li> <li>• Smart Hybrid Light</li> <li>• F1.0 Large Aperture &amp; 1/1.8" Big Sensor</li> <li>• AI ISP</li> <li>• Super Day-Night Focus Lens</li> <li>• Precision AA Process</li> </ul>	<ul style="list-style-type: none"> <li>• AI-triggered Audio-Visual Alarms</li> <li>• Red &amp; Blue Flashing Lights</li> <li>• Built-in Speaker &amp; Dual Mic</li> <li>• Real-time Alarms to Deter Intrusions</li> </ul>	<ul style="list-style-type: none"> <li>• VCA 2.0 with Ultra-low False Alarm Rate</li> <li>• Up to 75m AI Detection Distance</li> <li>• MSense: Face Capture &amp; Object Counting &amp; Heat Map</li> </ul>	<ul style="list-style-type: none"> <li>• One-screwdriver Installation</li> <li>• ONVIF &amp; Third-party Platform Ready</li> <li>• Sustainable Eco-friendly Packaging</li> <li>• IP67 &amp; IK10</li> </ul>

## ▶▶ How It Works?

### Smart Hybrid Light



### 01 / IR Mode Activated

Infrared lights turn on in a quiet environment, delivering clear images for round-the-clock monitoring.



### 02 / Event Detected - Switch to Full-Color

Camera automatically switches full-color lighting upon detecting an event, revealing more details with vivid clarity.



### 03 / Active Deterrence Triggered

Built-in strobe lights and speaker activate instantly to warn the intruder.  
\*Red & blue lights support default-off.



### 04 / Return to IR Mode

Once the event has passed, the system switches back to IR mode, ensuring efficient and non-intrusive surveillance.

# Parking Management Camera (PMC) Series

1 Camera, 3 AI Parking Detection Modes



Parking Violation Detection



Occupancy Detection



Parking Detection with LPR

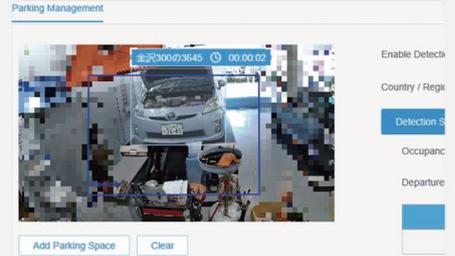
Product Model  
PMC8266-FPE



PMC8266-FGPE

## Parking Detection with LPR

Up to 6 Parking Spaces for Parking Detection with LPR



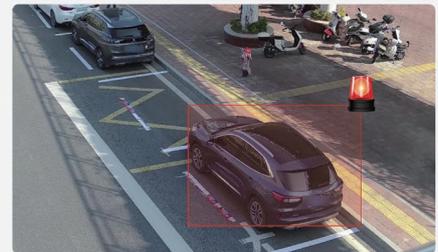
## Occupancy Detection

Up to 100 Parking Spaces



## Parking Violation Management

Identify and Record Illegal Parking Behaviors



- 5G Models Available
- Real-Time Information Display on Live Interface
- >98% Accurate AI LPR
- Customizable Configuration for Occupancy Management
- IP67 & IK10
- Precise Parking Time Calculation and Duration Alert
- Clamshell Junction Box
- 4K & 1/1.8" Sensor & 120dB Super WDR

# DualVision Traffic Radar Camera

Advanced Radar-Video Fusion With Up to 320km/h Speed Detection



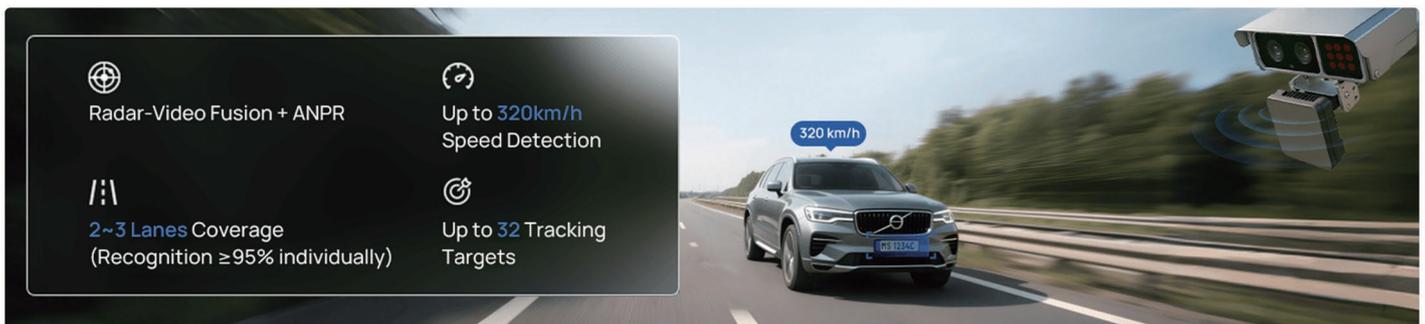
320km/h	Speed Detection & ANPR
24GHz	Radar
99%	Capture Rate
98%	ANPR Accuracy



Speed: 226km/h  
Vehicle Type: Car  
Vehicle Color: White  
Plate: MS1234C  
Plate Color: White  
**MS 1234C**

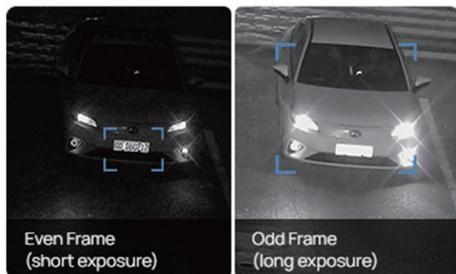
TS5510-GVH

## ▶▶ Cutting-edge Radar Performance



## ▶▶ Ultra-clear Imaging

Frame Parity Flashing



Global Shutter



740nm/850nm Wavelength



### High Compatibility

- CGI/APIs and TCP/HTTP/MQTT for Easy Integration



### Easy Network Connection

- Built-in 4G Module (Optional)



### Edge AI ANPR

- Support Recognition of Various Plate Attributes (number and color) & Vehicle Attributes (Type, Color, and Brand)
- Up to 50 Meters ANPR Range



### Violation Management

- Reverse Driving Detection, No-plate Detection, Vehicle Attributes Event Detection, Overspeed Violation, etc



### Black/White List

- Up to 20000 Records inside the Camera



### High Protection Level

- IP67 for Weather-resistant Performance



### Large Storage

- Support SD Card Local Storage up to 1TB

# SingleVision Traffic Camera

Capture Every Vehicle and Plate at Any Speed

5MP Lens

Global Shutter

Up to 250km/h ANPR

2~3 Lanes Coverage



**MS 8080A**  
 Plate Number: MS 8080A  
 Plate Color: White  
 Vehicle Type: SUV  
 Vehicle Color: White

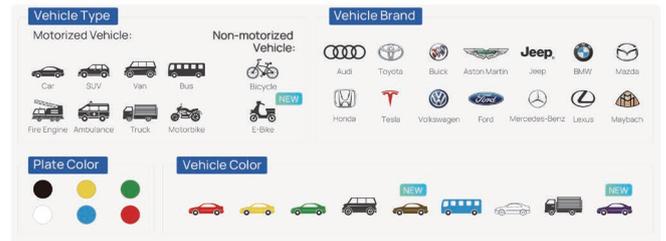
## Up to 250km/h ANPR & Vehicle Capture

Capture and recognize license plates of high-speed vehicles



## Vehicle Attributes Event

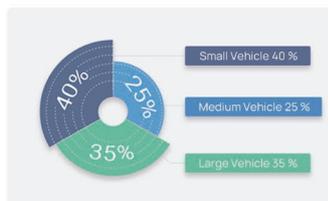
Accurately detect vehicle attribute events and trigger alerts for critical traffic management



No Plate Detection



Reverse Driving Detection



Traffic Flow Statistics



Evidence Camera Linkage

### 5MP Motorized Lens

- 60fps
- P-iris
- Lens Defogging

(\*Built-in fan and heater for faster lens defogging)

### Stainless Steel Bracket

- Enhanced Corrosion Resistance
- Higher Structural Strength
- IP67 & IK10



### Dual Antenna Design

- Stronger 4G Signal
- Built-in GPS

### Upgraded IR for Better Visibility

- 740nm/850nm: 15 Light Beads

## Upcoming Functions (Next Firmware Version)

Coming Soon



Phone Use Detection



Seatbelt Unfastened Detection



Restricted Lane Violation Detection



Illegal Lane Change Detection

■ Make Sensing Matter ■

V2.6



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