

Parking Management Camera (PMC) Series

1 Camera, 3 AI Parking Detection Modes



/// Pain Points ///

<p>Hard post-event investigation theft, accidents</p>	<p>Data silos - citizens can't find spaces</p>	<p>High sensor failure rate In Nordic countries like Sweden, winter failure rate exceeds 40%, costing €120/space annually in maintenance</p>
<p>High labor costs In France, one officer can only manage ~80 spaces</p>	<p>High fare evasion up to 23% in UK roadside tests</p>	

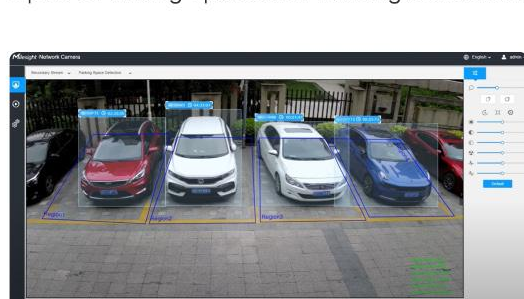
/// Product Introduction ///

Software Advantages

3 Flexible Detection Modes:

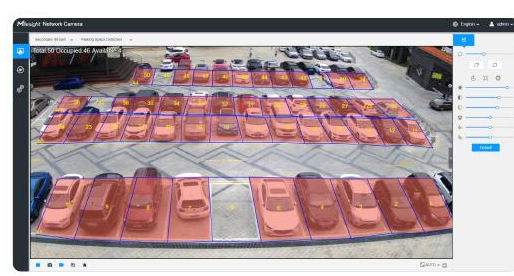
Parking Detection with LPR

Up to 6 Parking Spaces for Parking Detection with LPR



Occupancy Detection

Up to 100 Parking Spaces



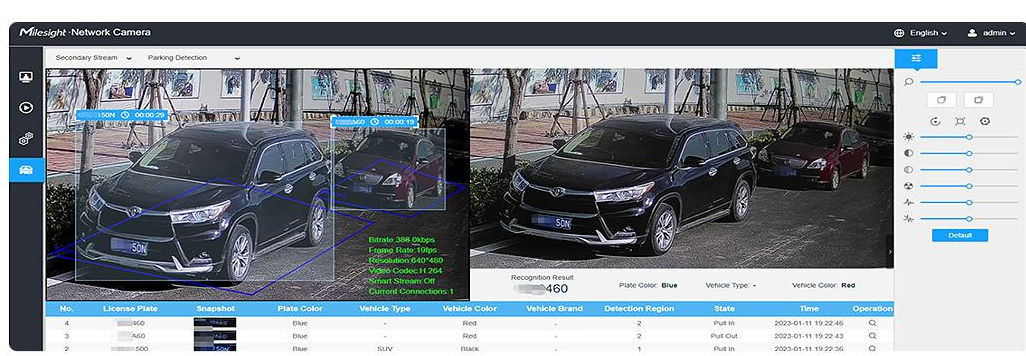
Parking Violation Management

Identify and Record Illegal Parking Behaviors



Real-Time Information Display on Live Interface:

- Real-time detection boxes and parking duration are displayed on the camera's live interface

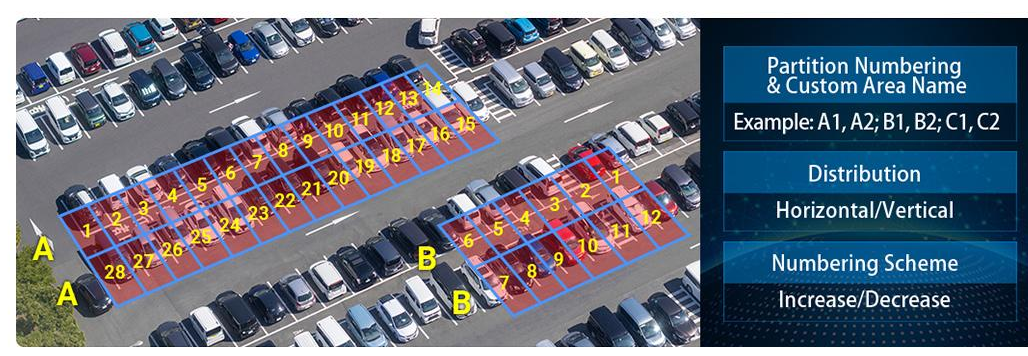


Customizable Configuration:

- Area name, space numbering, red overlay for occupied spaces

>98% Accurate AI LPR:

- Reliable license plate recognition



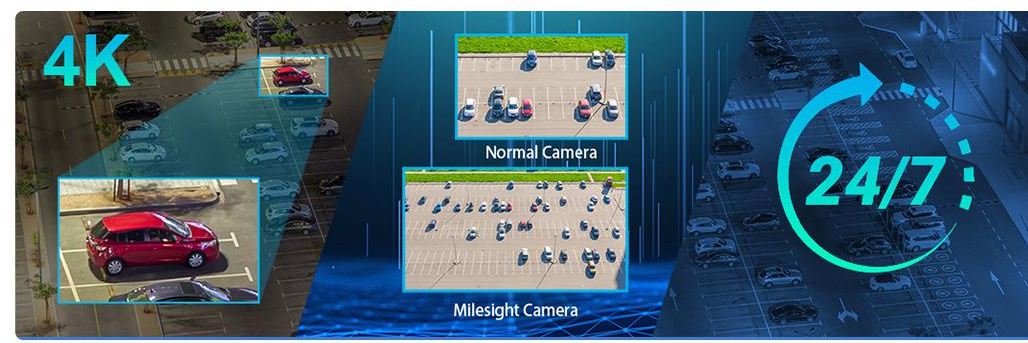
Precise Parking Time Calculation and Duration Alert:

- Precisely detects vehicle position and calculates parking duration
- Supports real-time or periodic data upload to third-party VMS platforms via HTTP, TCP, or MQTT protocols
- Allows configurable parking duration thresholds with alerts triggered when exceeded



Superior Image Quality & Excellent Scene Adaptability:

- 4K Resolution
- 1/1.8" STARVIS Starlight Sensor
- 120dB Super WDR
- Smart IR II, illumination up to 65m
- Image enhancement for guaranteed night vision clarity



Hardware Advantages

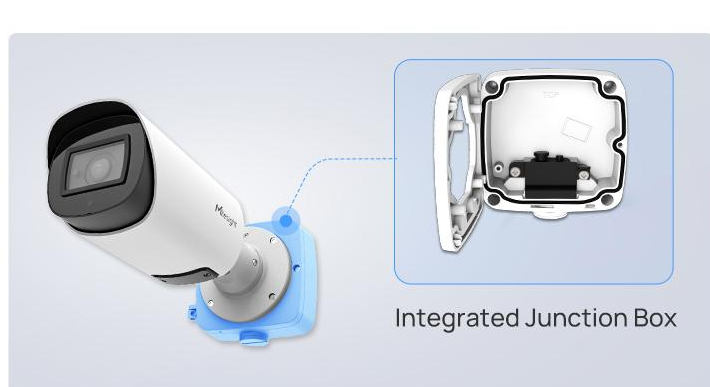
Rugged Protection:

- IP67 & IK10 rating for outdoor durability



Clamshell Junction Box:

- Enlarged space, tool-free cable connection



5G Models Available

- Innovative 5G technology - high bandwidth, low latency, broad extensibility, high mobility



/// Different Modes for Different Application Scenarios ///

Occupancy Detection

Large-scale areas that focus on occupancy management

- Efficient space utilization:** Real-time monitoring of idle/occupied spaces, sync info to entrance screens/APPs, reduce parking search time, increase space utilization by 20% - 30%
- Intelligent occupancy early warning:** The camera monitors parking occupancy in real time and sends data to third-party systems, triggering alerts when occupancy reaches preset thresholds (e.g., 80-90%).
- Data-driven optimization:** Record peak and low occupancy hours, help operators adjust strategies (peak fee hikes, off-peak discounts)



Parking Violation Management

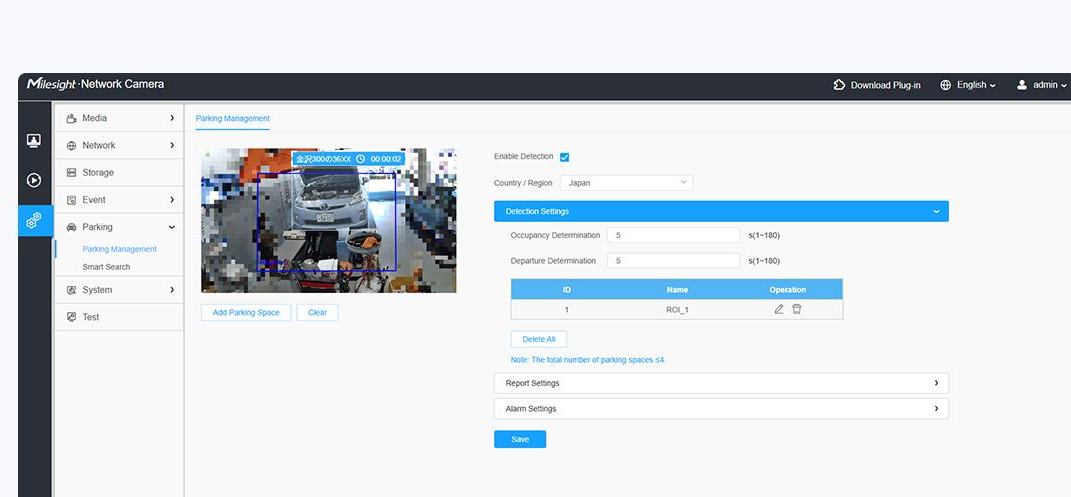
Targeted identification of violation types to maintain order

- Time-limited illegal parking:** Monitor time-limited areas like railway station drop-off zones, hospital emergency entrances, school gates, record over-time parking, capture license plate/location/time
- Vehicle-type-specific illegal parking:** Identify vehicle types and restrict non-specified vehicles, e.g., private cars in cash transport zones, bus lanes, or near fire hydrants
- No-parking zone violation:** Monitor no-parking zones in real time and record even short stops, helping prevent hazards and improve traffic safety

Parking Detection with LPR

Integrates LPR, suitable for small-scale high-demand areas that require license plate recognition

- Dual-dimensional monitoring:** Achieve more precise and focused vehicle tracking by combining occupancy detection with LPR
- Blacklist/whitelist management:** Enable smarter and more effective vehicle control through whitelist and blacklist management



/// Core Values ///

<p>Lower Construction Cost (CAPEX)</p> <ul style="list-style-type: none"> One-camera large-area coverage → lower hardware & installation footprint No ground digging or ground sensors required → saves civil works and site restoration costs 	<p>Dynamic Guidance for Drivers</p> <ul style="list-style-type: none"> Real-time space status → integration to LED signs and mobile apps to reduce cruising time Sync with payment and access platforms → seamless entry/exit experience 	<p>Revenue Protection & Enforcement</p> <ul style="list-style-type: none"> Automated violation capture for violations (images + metadata) → supports fair enforcement and fines collection LPR-enabled blacklist/whitelist and cross-checking with payment platforms → reduces misuse and revenue leakage
<p>24/7 Monitoring & Security</p> <ul style="list-style-type: none"> Reliable video evidence for post-event retrieval, or accidents LPR-powered quick search & high-speed retrieval → rapid license-plate lookup for incident investigation and audits Continuous recording and alerting → faster incident response 	<p>Lower Operating Cost (OPEX)</p> <ul style="list-style-type: none"> Fewer routine patrols required → reduce manual patrol labor and enforcement costs Remote firmware/feature upgrades → lower maintenance visits and downtime costs 	<ul style="list-style-type: none"> Automated violation detection (overstay, unauthorized vehicle type) → fewer on-site interventions Detect "zombie cars" and overstays → increase turnover and parking revenue

/// Success Case ///

<p>Location Japan</p> <p>Application Bay Monitoring</p> <p>Product Milesight Parking Management Camera</p> <p>Overview A leading auto parts retailer with 500+ stores needed transparent service tracking for repair bays</p>	<p>Solution:</p> <ul style="list-style-type: none"> Deployed 5600 units of Milesight Parking Management Camera Detect vehicle entry into parking spots: When a vehicle enters a service bay, the camera automatically detects parking occupancy Recognize license plate information: Accurately captures Japanese license plate numbers and transmits the data in real time to a third-party backend on the Google platform for centralized system management and customer visualization Detect vehicle exit from parking spots: When the service is completed and the vehicle is handed over, the camera detects the vehicle leaving the spot, enabling closed-loop management of the service bay status <p>Results:</p> <ul style="list-style-type: none"> Transparent customer experience with real-time service updates Dispute reduction via video & data evidence Large-scale deployment validated scalability Innovative use case beyond traditional parking management 	
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