



Intelligent Traffic System Solution



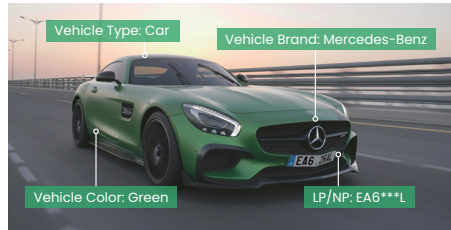
Key Features

The intelligent traffic monitoring system stands as a crucial element of modern urban management, seamlessly integrating advanced technologies like high-definition visual technology, artificial intelligence, and big data analysis. It meticulously captures and interprets traffic information in real-time, empowering administrative departments to make precise decisions and facilitate efficient control. This system not only vastly enhances the effectiveness and accuracy of traffic governance but also infuses technological prowess into urban security, safeguarding public safety and expediting the transition towards smarter cities.

Edge Intelligence



Onboard ANPR



Attributes Recognition



1000 Black/White List

Flexible Application



Stand-alone

- Onboard ANPR algorithm
- Linkage barrier gate
- Black/White List: 1000
- LPR Smart Search



Intelligent traffic solution

- Urban roadside
- Highway
- Parking lot
- Entrance & Exit



Third-party Integration

- CGI
- Wiegand, I/O, RS485

High Performance & High Image Quality



4MP, 2688×1520@60Fps



IR illumination, No light pollution



Max. Vehicle Speed

- 1 lane: up to 120km/h
- 2 lane: up to 100km/h



Coverage

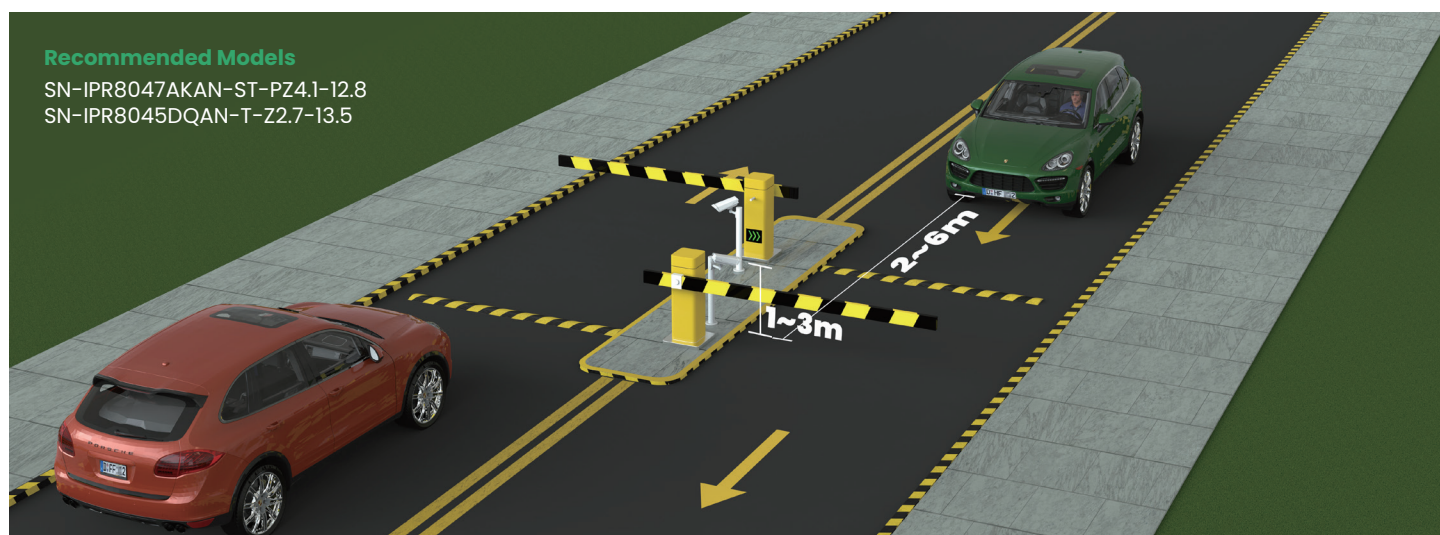
- Up to 2 lanes



Accuracy

- Capture rate ≥99%,
- Recognition accuracy ≥98%

Parking Lot Management



Recommended Models

SN-IPR8047AKAN-ST-PZ4.1-12.8
SN-IPR8045DQAN-T-Z2.7-13.5

Solution



Flexible Installation

- Installation height: 1-3m
- Capture distance: 2-6m
- Detection speed: <30km/h
- Supports pole mount, wall mount, ceiling mount



Barrier Control

- Onboard ANPR algorithm
- Up to 99% Accuracy
- Wiegand or I/O linkage barrier gate



Black/White List

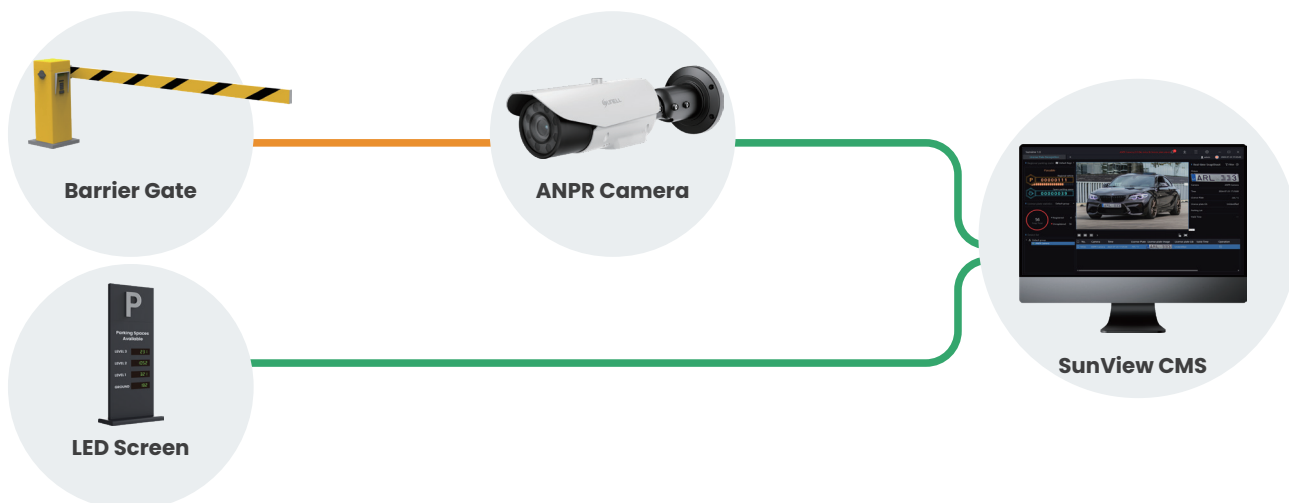
- Supports white list, black list, visitor management
- Support for list event linkage



Parking Information Display

- CMS software to view parking information
- Displayed on the entrance and exit LED screen

Solution Topology



Road Monitoring



Solution



Vehicle LPR & Motorcycle LPR



Attributes Recognition



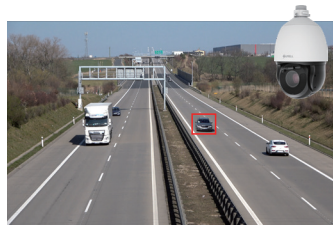
High Speed Capture



Smoke & Flame



Illegal Parking



Wrong-way Driving



Pedestrian Presence

Solution Topology



Product Information



SN-IPR8047AKAN-T

- 1/1.8" Sony STARVIS II CMOS
- 4 MP(2592×1520)@60 fps
- 4.1-12.8 mm, 8-32 mm, auto-iris
- ANPR, up to 120km/h
- Vehicle attributes recognition
- Interface: Alarm, Wiegand, RS485, Audio
- 12 VDC, PoE(IEEE 802.3af)



SN-IPR8045DQAN-T

- 1/2.8" Sony STARVIS sensor
- 4MP(2592×1520)@60fps
- 2.7-13.5 mm, 5-50mm
- ANPR, up to 60km/h
- Interface: Alarm, Audio
- 12 VDC, PoE(IEEE 802.3af)



SN-IPR8047HAN-FT

- 1/1.8" Sony STARVIS II CMOS
- 4 MP(2592×1520)@60 fps
- C/CS mount, fixed/DC iris
- ANPR, up to 120km/h
- Vehicle attributes recognition
- Interface: Alarm, RS485, Audio, CVBS
- 12 VDC, PoE(IEEE 802.3af)



SN-IPS8681WDR-Z40

- 8 MP(3840×2160)@30 fps
- 40x, 6.8~272mm
- IR: 500m (1600 ft)
- Detection and Capture: Face, Human, Vehicle, Smoke & flame
- Intelligent Analysis: Smart Motion, Intrusion, Single Line Crossing, Double Line Crossing, Loitering, Wrong-way, Illegal Parking, People counting

SunView CMS



License Plate Recognition

Real-time view of the vehicle license plate snapshot pictures, relevant warehousing information



License Plate Search

Retrieve historical data of license plate captures and support multiple search conditions



License Plate Library Management

Manage license plate grouping, license plate information, etc.



License Plate Comparison Strategy

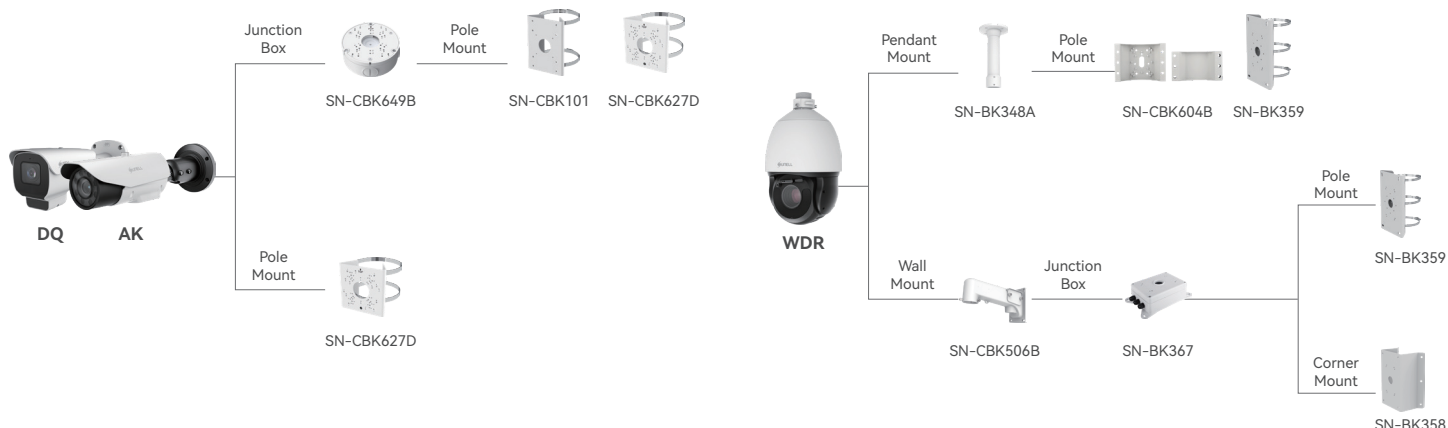
Manage license plate comparison strategies and configure various linkage parameters



Parking Lot

Add, delete and modify parking lot and parking lot parameter configuration

Accessories



Application Scenarios



Highway



Parking Lot



Toll Station



Illegal Parking



Shenzhen Sunell Technology Corporation

22-23F, Building 2, Chongwen Park, Nanshan Zhiyuan (Phase 3), No. 3370 Liuxian Avenue, Nanshan District, Shenzhen 518052

+86(755) 2675 4336 +86(755) 8602 6152 sales@sunellsecurity.com

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