

Seamless Access · Faster Parking · Smarter Operations

Dahua Smart Parking Solution

Pain Points



Parking Management

Parking systems are often fragmented. Entry, parking guidance, and management operate in isolation, leading to inefficiency, high operational costs, and limited visibility.



Entrance & Exit

Traditional parking access based on tickets or cards often requires vehicle to stop, resulting in inefficient traffic flow and complex operations.



Parking Guidance

Finding available spaces in large parking facilities is often inefficient, leading to congestion, driver frustration, and poor traffic flow.

System Topology



Solution Highlights

Enables Efficient and Unmanned Operation with Intelligent Access Control & Payment

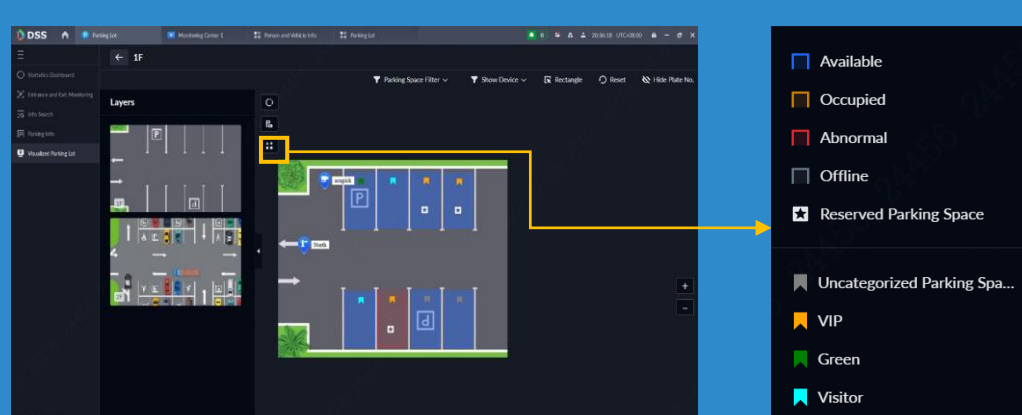
- 4 In 1 = Intercom + ANPR + LED + Barrier Always Online
- One-touch button for remote video help center
- **Dual-authentication for high-security**
- **Flexible access policies** for individuals and groups
- Supports multiple pricing models, including **duration-based, period-based, and session-based charging**



Provides Accurate and Real-time Indoor Parking Guidance from Entry to Exit

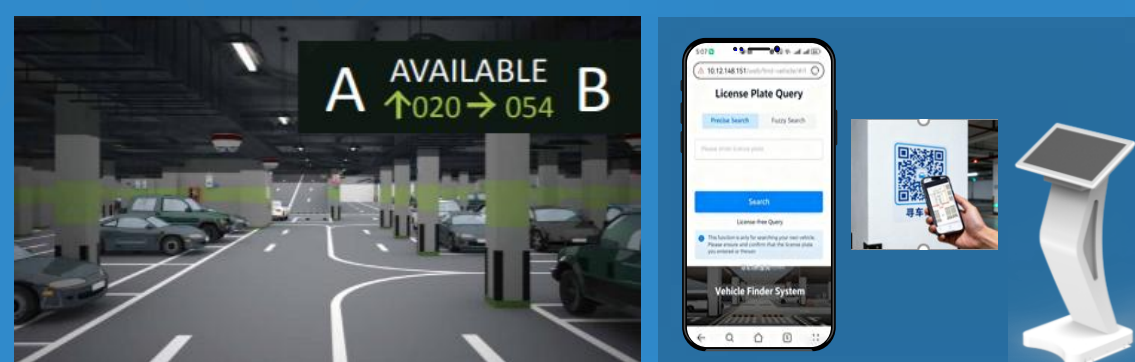
Visualized Parking Lot and Dashboard

- Combined with map, realizes **visualized parking lot management**
- **Real-time dashboards and analytics** support smarter operational planning



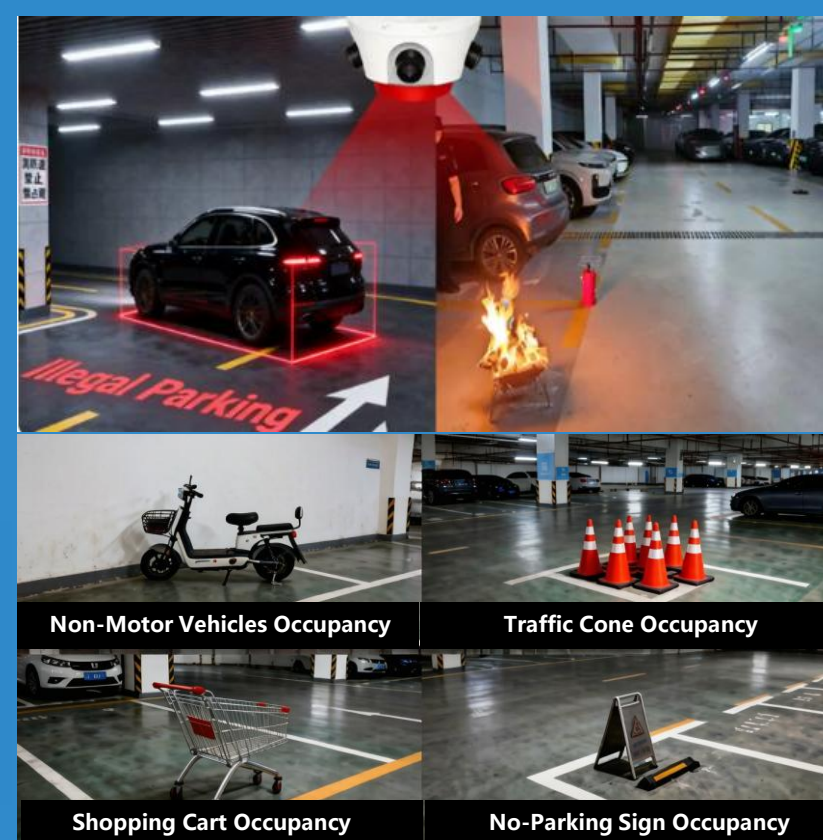
Optimized Parking Experience

- Real-time vacancy alerts and directional LEDs streamline parking
- Effortless vehicle retrieval via **Find My Car kiosks or QR code**



Multi Parking Spots with AI Features

- Up to **12-Space Detection with 8 ANPR Recognition**
- Supports AI analytics such as **illegal parking, smoke and flame detection, unauthorized occupation**
- **Flexible space management**, including VIP and reserved spaces
- Less hardware, less wiring and lower cost.



Flexible Design for Large-scale Outdoor Parking Scenarios



Parking Spaces Detection

- Detects if each parking spaces are available.
- 1 camera, **50 parking spaces** at maximum.



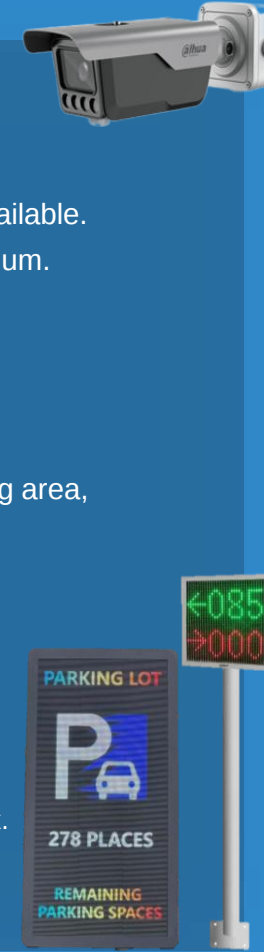
Illegal Parking Detection

- If the vehicle park on the illegal parking area, camera will send alarm to platform.

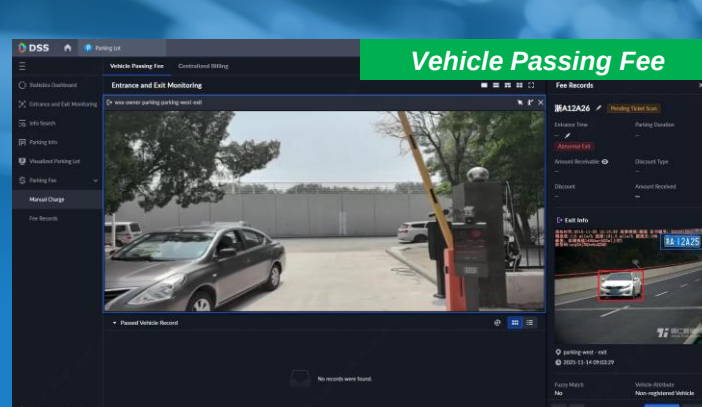


ANPR

- Camera has ANPR mode
- 1 camera cover **4-6 parking spaces** max.



Core Products



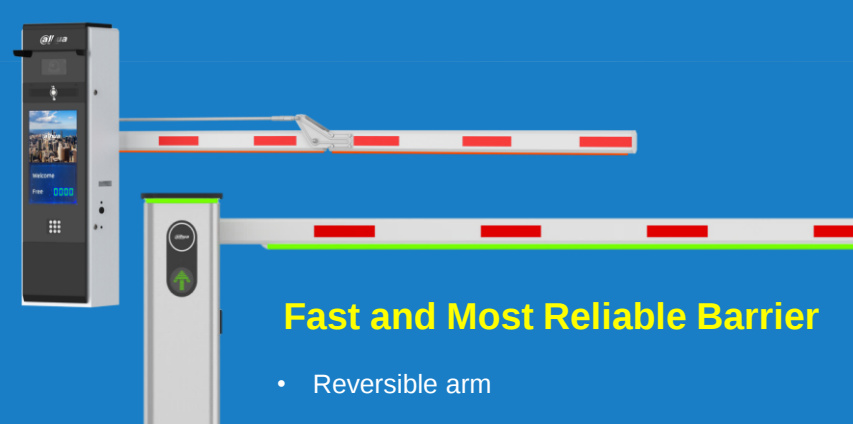
Platform Software (DSS ProV8.8)

- Charge by parking duration
- Charge by designated period
- Charge by times parked
- Abnormal rules
- Discount rules



ITC 514 Parking Space Detection Camera

- 12-space detection
- 8 plate recognition
- Foreign object detection
- Smoke & flame detection



Fast and Most Reliable Barrier

- Reversible arm
- Wide-range arm length (1.5-6m)
- 0.9s barrier open
- 6 Million operations
- Spring-free mechanism
- Less mechanical loss with longer lifespan
- Designed for heavy-traffic parking areas



Entrance & Exit Ticket Machine

- Integrated with latest VTO6631 (VTO will be ordered separately for the project and installed on site)
- Support integrated with payment eco-system, like pos terminals

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