Make Your Work More Intelligent

Dahua intelligent park solution

| Intelligent | Secure | Integrated | Cost Effective | Open |

Industry Challenges And Solution

A park is an area dedicated for specific social purpose. We can consider a factory as a kind of park, as well as schools, hospitals, museums, and of course, business parks.

As a major place for dynamic activities in the modern society, parks play an important role in our daily life. How to create a safer, smarter, more convenient and more efficient park is what park designers need to consider.

At the same time, as the park develops, its scale also grows bigger, prompting for more complicated systems that requires higher labor costs.

Business Requirements:

How to ensure security as the park develops and grows bigger?

How to improve the experience of employees and visitors?

How to improve the office daily operation efficiency?

Following rapid digitalization, technologies like AI, IoT, and Big Data also develop, increasingly becoming the core element of the digital society. As a world leading video-centric solution and service provider, Dahua empowers the security and office operation of parks.

Solution Value

SOLUTION VALUE

Intelligent Security

Provides a secure environment for the park. Powered by AI technology, it accelerates emergency alarm response speed, and improves the work efficiency of the security department.

Efficient Access

Offers a friendly and efficient solution for human and vehicle internal access, providing convenience to employees and visitors. Touchless access significantly improves user experience.

Smart Operation

Provides effective management solution for attendance, media release, car parking and other park operations, greatly improving operation efficiency and employee experience.

Solution Overview

Office
- Face recognition access
- Flexible attendance
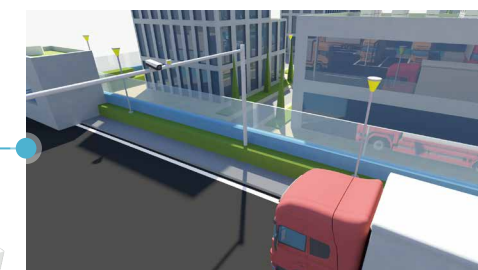- Elevator management
- Media release system

Parking Lot
- Entrance and exit system
- Parking guidance system
- Car locator system

Control Center
- Security management center
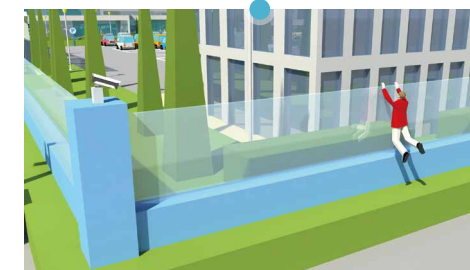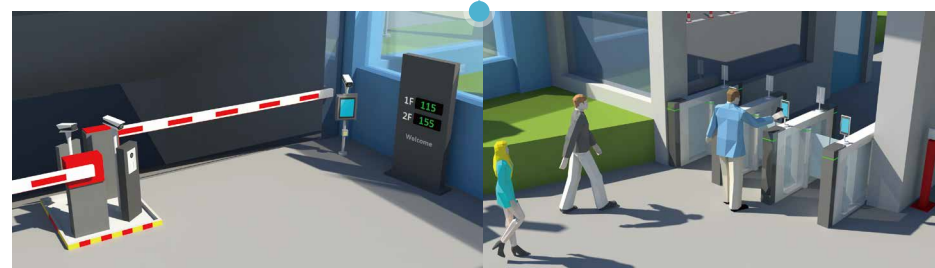- Emergency response center
- Video storage center

Internal Road
- Illegal parking detection
- Vehicle speed detection

Public Area
- Face recognition protection
- Panoramic surveillance
- 24/7 scenario defined monitoring
- Emergency alarm management

Entrance & Exit
- Touchless access
- Visitor management

Perimeter
- Active deterrence protection
- Smart linkage
- Target classification

Solution Highlights

AI Protection
- Offers face recognition applications such as blocklist alarm, VIP detection, and tracking of a person's trajectory, for a secure working environment.
- Video metadata can be used to quickly locate targets and conduct big data analysis.
- Accurate detection of human targets using the perimeter protection function significantly reduces false alarms and labor costs.

Full Access Through Face Recognition
- Supports face recognition to give full access authorization including access control, elevator control, and attendance.
- Equipped with anti-fake technology to avoid illegal access.
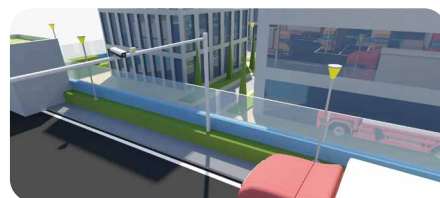- Presents a user-friendly interface, improving user experience.

Advanced Visitor Management
- Visitor management based on integrated system.
- Flexible configuration satisfies different security requirements.
- Supports face and QR code recognition to give access to visitors.
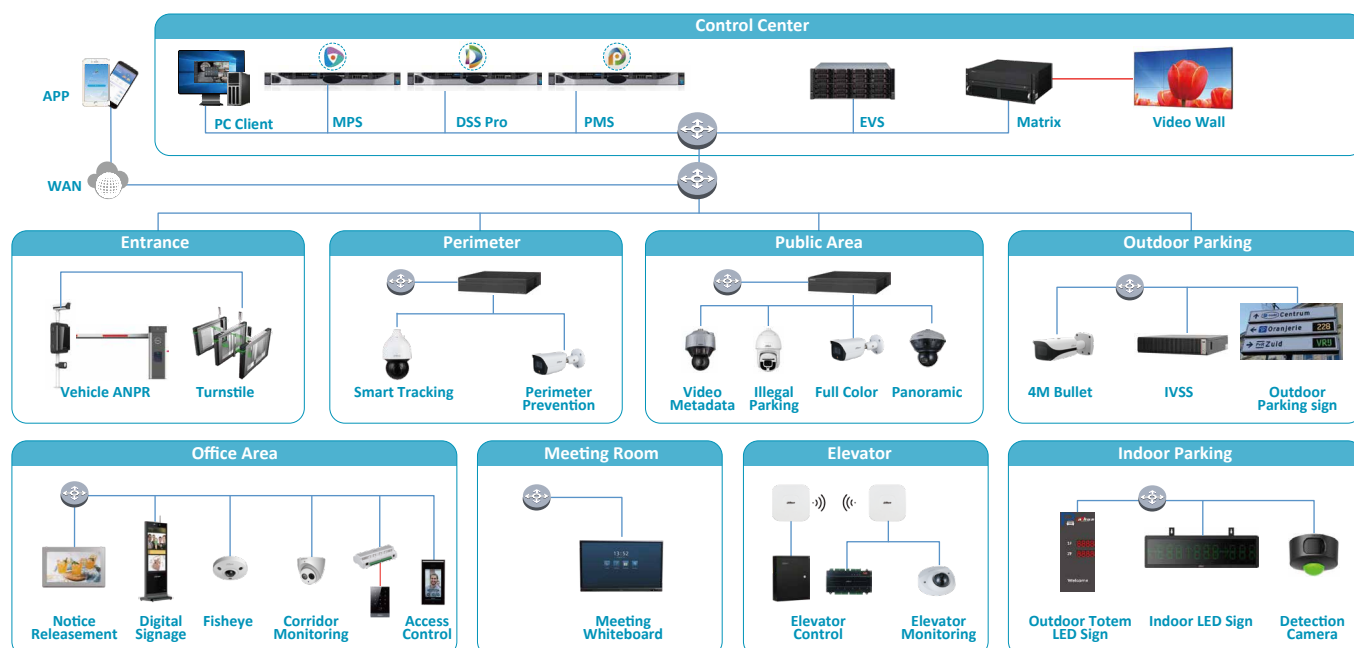- Provides data encryption to keep data safe.

All-Scenario Vehicle Management
- Provides intelligent vehicle management functions including entrance & exit access, illegal parking detection, overspeeding detection, parking guidance, and parking monitoring.
- Early reminder function helps avoid incidents and decreases disputes.
- ANPR based solution makes it easy to search vehicle data history.

Solution Structure & Topology

Control Center

APP

PC Client | MPS | DSS Pro | PMS | EVS | Matrix | Video Wall

WAN

Entrance
- Vehicle ANPR
- Turnstile

Perimeter
- Smart Tracking
- Perimeter Prevention

Public Area
- Video Metadata
- Illegal Parking
- Full Color
- Panoramic

Outdoor Parking
- 4M Bullet
- IVSS
- Outdoor Parking sign

Office Area
- Notice Releasement
- Digital Signage
- Fisheye
- Corridor Monitoring
- Access Control

Meeting Room
- Meeting Whiteboard

Elevator
- Elevator Control
- Elevator Monitoring

Indoor Parking
- Outdoor Totem LED Sign
- Indoor LED Sign
- Detection Camera

Recommended Products

Dual 2M Starlight Hunter AI Camera
SDT5X405-4F-WA1

6×4MP Multi-Sensor Panoramic + PTZ WizMind Network Camera
PSDW82442M-A270-D440

5MP WDR IR Bullet AI Network Camera
IPC-HFW5541T-AS-PV

Thermal Network Bullet Camera
TPC-BF5401-T

16Channel 1U 16PoE AI Network Video Recorder
NVR5216-16P-I

Face Recognition Access Controller
ASI7213X

Face Recognition Terminal
ASI8223Y-A-V3

Elevator Control Host
ELC

Elevator Control Module
ELM

2 Megapixel Full AI Access ANPR Kit
IPMECS-2201C-(IR)

3MP Dual-Lens Parking Space Detector
ITC314-PH2A-TF

46'' FHD Video Wall Display Unit (Ultra Narrow Bezel 3.5mm)
LS460UCM-EF

Multi-service Video Management Platform
M70-4U-E

Embedded Video Storage
EVS7124D

75'' UHD Smart Interactive Whiteboard
HiBoard-A75H

Comprehensive and Expandable Dahua VMS
DSS PRO