



# Smart Logistics & Warehouse Solution

Enabling New Technology In Modern Logistics



Easy Management



Higher Efficiency



Higher Precision



More Safety

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## | Challenges

**In today's fast-paced and highly competitive business environment, ensuring the security and safety of warehouses has become paramount. Warehouses house valuable inventory, equipment, and sensitive data, making them potential targets for theft, vandalism, and unauthorized access. To address these concerns, a comprehensive warehouse security solution is essential.**

Dahua Warehouse & Logistics Solution combines various technologies, processes, and measures to create a robust and secure environment. It integrates advanced surveillance systems, access control mechanisms, alarm systems, and monitoring tools to provide real-time visibility and proactive security measures.



## | Focus Areas

### 1. Logistic Park and Warehouse Security

It is crucial to actively monitor and control your warehouse premises and storage locations. Dahua Logistics Solutions offer comprehensive coverage of your facility. By deploying cameras and intrusion detection video analytics, potential intruders and suspicious activities can be detected early, enabling swift countermeasures to deter and minimize any negative impact.

### 2. Operational Efficiency

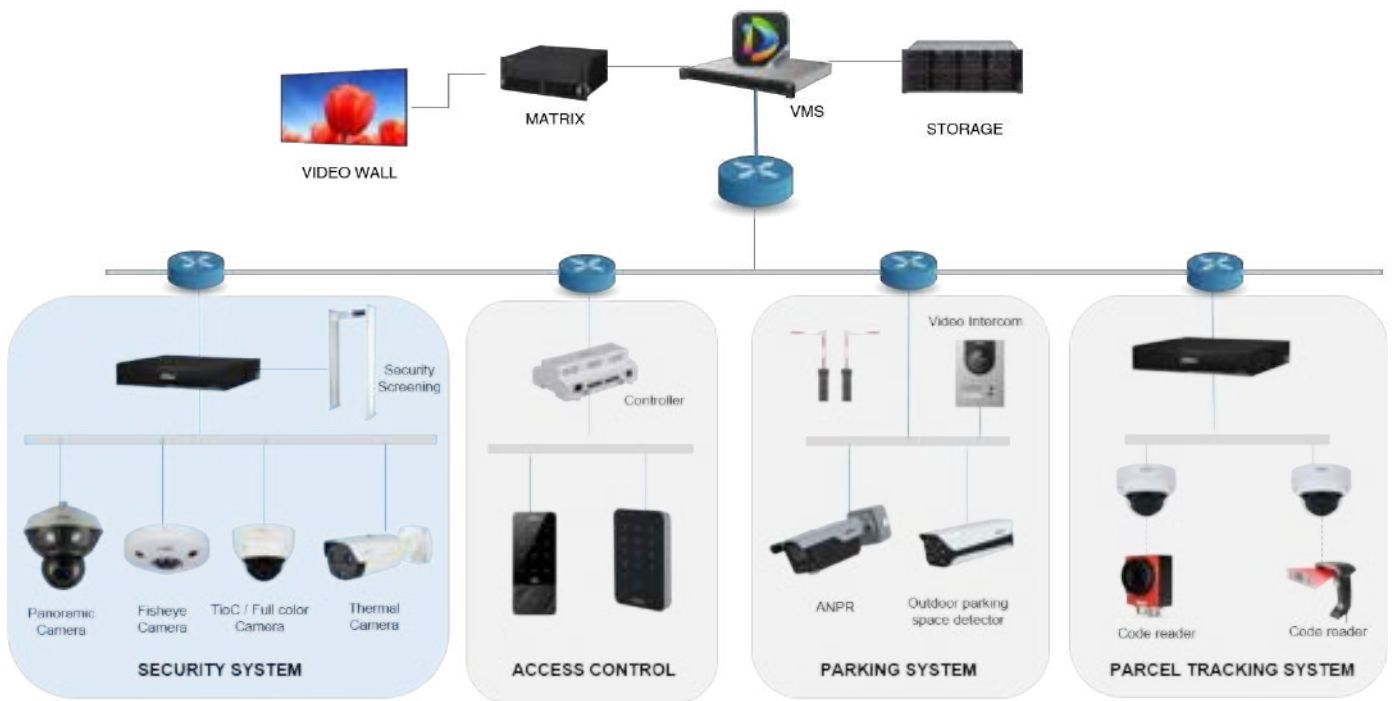
Dahua provides visual parcel tracking solutions and dock management solutions for logistics businesses. These solutions enable you to effectively monitor your goods and streamline your processes.



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## Solution Overview



## Logistics Park Solution

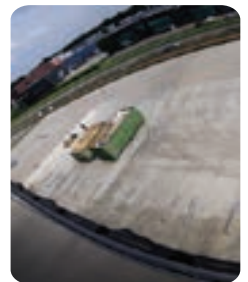
### 1. Entrance and Exit Control

- High accuracy ANPR recognition
- Remote barrier control
- Allow list for logistic trucks and employees
- Open API for Integrators



### 2. Panoramic Surveillance

- Capture an exceptionally wide field of view, spanning 180 degrees or more
- AI integrated in panoramic videos including tripwire, parking detection, video metadata and etc.
- High-resolution sensors that can capture a significant amount of detail in the scene



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## 3. Perimeter Protection

- Visualized perimeter / thermal perimeter and radar perimeter solution optional
- Farther detection distance
- Alarm target classification (Human and vehicles)
- High accuracy with lower false alarms

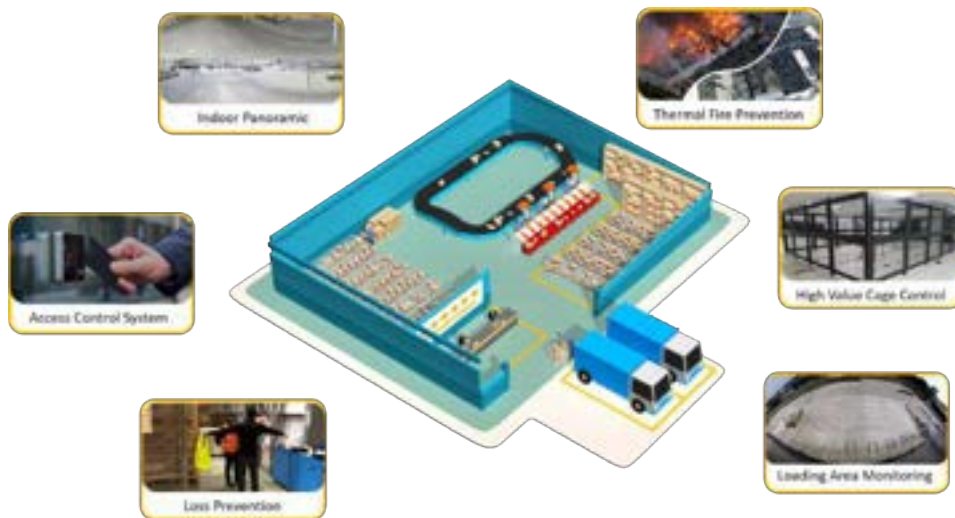


## 4. Outdoor Parking Management

- **Large coverage:** detect up to 50 parking spaces
- **Availability auto-counting:** use for data analysis: Precise Guidance (Optional)
- **Low bandwidth:** AI embedded inside camera, no back-end server required



## Warehouse Solution



## 1. Loss Prevention

- **Quick and efficient screening:** Walk-through metal detectors offer a fast and efficient screening process, allowing a large number of individuals to pass through within a short period
- **Deterrent effect:** The presence of a walk-through metal detector can act as a deterrent for potential security threats



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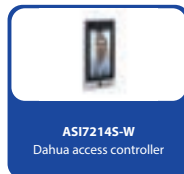
## 2. Thermal Fire Prevention

- **Thermal sensors:** thermal sensors can detect unusual increases in temperature or the presence of hot spots, indicating potential fire risks
- **Fire detection system:** Integrate thermal sensors with a fire detection system that includes an alarm or notification system



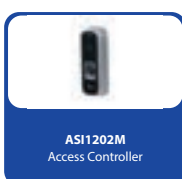
## 3. Access Control System

- Identify and secure all entry points to the warehouse, including main gates, loading docks, pedestrian entrances, and emergency exits
- **Access cards or credentials:** Each credential is uniquely assigned and programmed to grant access to specific areas based on the individual's level of authorization
- **Visitor management:** Implement a visitor management system that requires visitors to check in and obtain temporary access credentials



## 4. High Value Cage Protection

- Unlock through multiple cards combinations to ensure the safety of high value goods
- **Video surveillance:** Install video surveillance cameras both inside and outside the high-value cage
- **Perimeter security:** Enhance the overall security of the high-value cage by implementing perimeter security measures

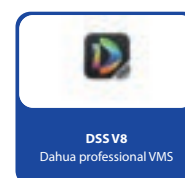


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## Parcel Tracking Solution

- **Visibility and transparency:** Dahua parcel tracking system offering transparency and visibility into the package's location and status throughout the shipping process
- **Customer satisfaction:** With the ability to track packages, customers experience improved satisfaction and peace of mind
- **Operational efficiency:** Parcel tracking systems help streamline operations by providing accurate and up-to-date information on package locations. This allows logistics companies to optimize routes, allocate resources effectively, and address any issues promptly



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