

# Hikvision Dock Management Solution

Optimize dock operation with powerful tools and insightful data

Logistics Park

Loading and unloading cargo at the docks of fulfilment or distribution centers is a key step in the logistics process. Therefore, optimizing dock operation and management is of paramount importance for enhancing efficiency.

## Common Challenges in Dock Management

- A**

**Lack of video evidence, especially in cases of**

  - Drivers' disputes
  - Goods damaged or lost
  - Deviations in operations or procedures
- B**

**Inability to track the status of each dock, likely due to**

  - Lack of manpower or heavy workload
  - Large number of docks to be managed
- C**

**Further requirements for enhancing efficiency of single docks due to**

  - Growing business demand
  - Budget concerns

## What We Offer

All of these problems will be conveniently solved using our solution for:

Video evidence and quick search ability

Visualized dock status with dock map

Complete and detailed records for loading and unloading

Dock utilization rate monitoring with detailed and comprehensive statistics

Operation overview on dashboard facilitates smarter decision making and better management

## Solution Highlights

**Dock cameras facing outside**  
High-end intelligent camera with tailored algorithms

- ANPR technology
- Dock occupation detection
- Entry & exit detection
- Rear door status detection
- Automatic LED light control

**Conventional cameras facing inside**

## Loading & Unloading Management

ANPR technology helps quickly and precisely locate relevant video clips. With synchronized live view and playback from the conventional cameras inside and the dock cameras outside, the management team gets a comprehensive view of the loading and unloading process.

## Efficient Resource and Vehicle Allocation

With the dock map, management staff can stay updated on all dock details with real-time visuals and allocate vehicles more efficiently.

## Visualized Dashboards

Visualized dashboards from centralized management software can generate **analytic reports of loading/unloading time, waiting time, throughput, and more, powered by the tailored algorithms of the dock camera**, helping the managers better evaluate and improve dock performance and make smarter decisions.

## More Related Products

**Supplemental LED Lighting**

- Automatic control using dock cameras
- Ensures image quality in darkness or low light

**LED Display Screens**

- Display dock status in real-time
- Offer direct guidance for drivers

**HikCentral Enterprise-Industrial**

- Manages all vehicle statistics using advanced visuals
- Generates versatile reports for smarter decision making



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