

# Parcel Tracking Solution

One barcode, Multi video



Visual



Traceable



Flexible

## Solution Overview

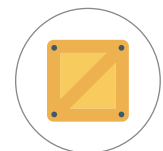
Dahua's Parcel Tracking Solution is integrated with code-reading cameras, surveillance cameras, storage, and DSS server. The code-reading camera is responsible for acquiring data from 1-D codes and 2-D codes. The security camera performs real-time video recording for the targets. The DSS server links the two sides of data.

Dahua's Parcel Tracking Solution can be applied in assembly lines, warehousing centers, deliver&pick up stations and distribution centers. It provides useful functions such as video retrieval, quick tracking of parcels with issues, export the issue list and evidence etc. From the product manufacture to delivery to customer, the solution can be used every key step of the work flow.

### Current Challenges



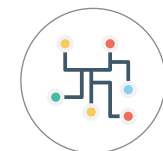
Missing Parcel



Damaged Parcel

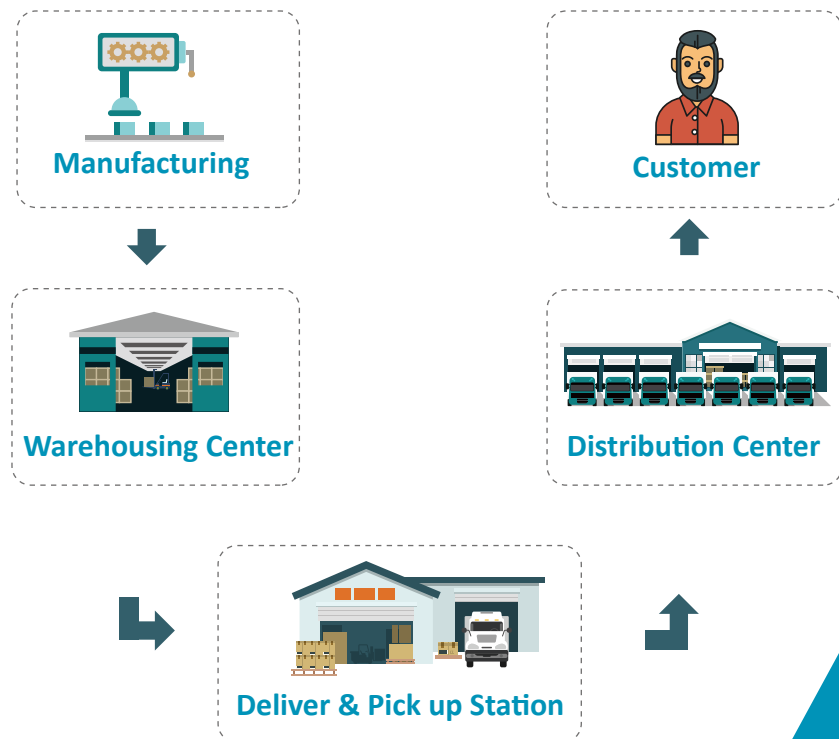


Misoperation



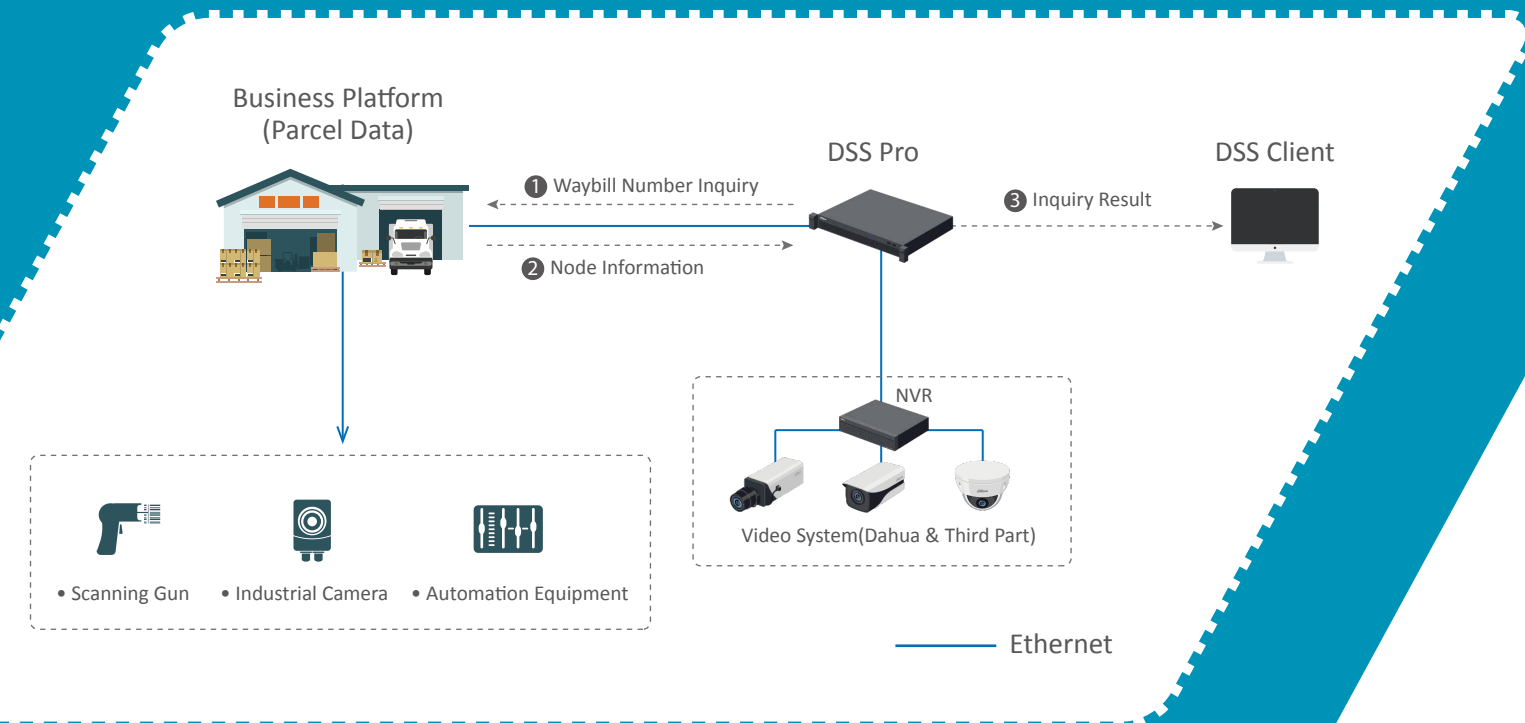
Missing Component

## Application Area



## Classic Parcel Tracking Solution

- ▶ 1D or 2D code information are directly transmitted to DSS or saved on the third part platform
- ▶ NVR records real-time video from IPC
- ▶ DSS automatically combine the video and code information together with timestamp



## Highlights

- ▶ **High Flexibility**  
Compatible with third part business platform and video platform
- ▶ **Industrial Code-Reading Camera and Lens**  
Clear image, high speed, support 1D &2D codes, high recognition rate
- ▶ **Visualization Tracing**  
View the target video based on the code information
- ▶ **High Reliability**  
Industrial design and production, ensure longevity and reliability when working in various conditions
- ▶ **Low Storage Requirement**  
H.265&H.264 high encoding ratio, needs lower storage for video recording

## Success Cases



**Deppon Logistics**  
Dahua Technology provided the headquarters of Deppon Logistics with a national online video monitoring platform and large LED splicing display system, enabling focused management and unified command. The parcel tracking solution enabled visualization and network-connected tracking via over 2,000 cameras combined with barcode reading system, allowing rapid and efficient location and improving service quality and customer satisfaction.



**Toyota Motor**  
Toyota Motor North America seat subsidiary uses Dahua's Parcel Tracking System to record the status of seats and 2D code information. In case of disputes, clear videos can be used to provide details. This system gained satisfaction from customers.

## Recommended Model



### DH-MV-S5501MG00E

- 5 Mega Pixel, global shutter, high speed CMOS smart camera
- 512MB RAM and 512MB non-volatile flash memory
- Embedded 1D and 2D code reading algorithm
- Industrial grade M12 connector
- Supports C mount lens



### DH-SL2400B-S-B-E

- 24pcs led
- Supports intelligent flashing mode
- High reliability
- Low power consumption



### DH-MV-V5102A000E

- Powerful intel Atom X5-E3940 platform, Windows 10 64bit OS
- 4G memory and 128G SSD internal storage
- Multiple interfaces available
- Easy installation design
- Supports DHMI and VGA video output



### IPC-HDBW3X/2X-ZS

- 2MP/4MP IR Starlight Dome Network Camera
- H.265&H.264 triple-stream encoding
- 25/30fps@1080P(1920×1080)
- WDR(120dB), Day/Night(ICR), 3DNR,AWB,AGC,BLC
- Micro SD memory,IP67,IK10,PoE+



### NVR5X-4KS2E

- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- Max 320Mbps Incoming Bandwidth
- Up to 12MP Resolution for Preview and Playback
- HDMI/VGA simultaneous video output



### DSS Pro

- Powerful basic functions
- PC client and mobile client
- Windows OS, easy to deploy
- Recommended hardware DELL R230/R440

# ENABLING A SAFER SOCIETY AND SMARTER LIVING

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\* Design and specifications are subject to change without notice.

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