

Logistics Parcel Tracking Solution

Pain Points

Delays, Damages and Losses during Manual Process

Parcels often have delays, losses or damages during the process of personnel handover, sorting and packaging.

High Labor Costs

As online shopping grows and the volume of express delivery increases, all information in the system is manually scanned, which is inefficient in the input process and also increases operational and administrative costs.

Low-efficiency in Barcode Tracing

Parcels cannot be traced through barcode because of insufficient visualization and unassociated barcode with video data.



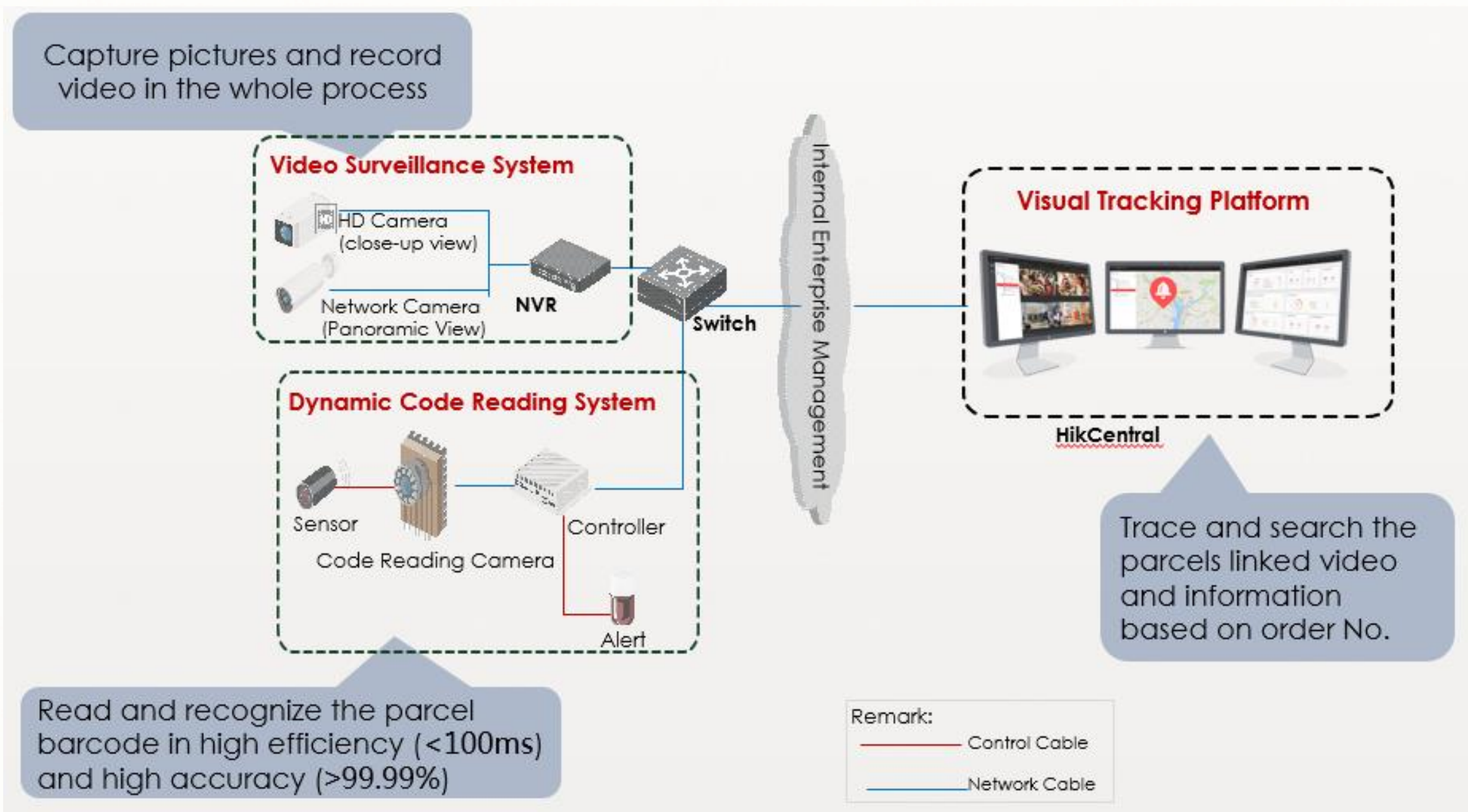
Solution Highlights



Code Reading Demonstration

- Intelligent scanning with over 99.9% recognition rates, and reducing labor costs.
- Visual tracking and management, improving cargo security.
- Embedded system, solid and long-term operation under harsh environments.
- Easy for system maintenance and industrial expansion.
- Flexible integrating, easy installation and small workloads.

Solution Architecture



Product Showcase



Code Reading Camera

- Support multiple types of 1D/2D code
- 1D code: Code 128/Code 39/Code 93/EAN/ITF25/Codabar
- 2D code: QR/Datamatrix
- Various IO interfaces available
- SDK for secondary development



DarkFighter Network Camera

- 1920 × 1080 @ 60fps
- Large aperture: F1.2
- H.265/H.265+
- Multiple streams
- High frame rate



DS-9600NI-18 NVR

- 16-ch @ 1080p
- Max. 12 MP camera access
- H.265/H.265+
- Dual-stream recording
- Up to eight 10 TB HDDs connectable

HikCentral Management Software

- Central management of devices
- Live view and playback
- Search parcel related video and information based on order No.
- Receive analysis data and generate intelligent business reports

Success Stories

DHL Singapore Transit Center is an important parcel distribution center in Singapore.

It is the first case of the country to adopt the reverse tracking-system to resolve the package management problem.

By using the industrial cameras it has greatly improved recognition rate of code reading, and has worked normally for over 12 months. And also the order number based video retrieval is pioneered in Singapore.

