



Entrance Control Solution of Logicross Nam Thuan in Viet Nam

Industry
Manufacturing

Location
Viet Nam

Solution
Entrance Control

Overview

Logicross Nam Thuan is a modern ready-built warehouse project located in Nam Thuan Industrial Park, Long An, covering a total land area of 115,390 m². The project offers advanced logistics solutions tailored to meet the needs of various industries. Scheduled for completion in Q2/2025, Logicross Nam Thuan is expected to effectively support businesses' storage demands with modern infrastructure, convenient connectivity, and flexible solutions.

Requirements

Automatic Vehicle Access Control

The management team sought to implement an integrated vehicle access control system to optimize parking management for both incoming and outgoing vehicles. Key requirements include:

Automatic Operation: The system must ensure high efficiency in traffic flow and minimize congestion at entry and exit points.

Real-Time Monitoring: The solution should contribute to a safe, civil, and professional working environment.

Motorcycle Access Management

User-Friendly Entry: Upon arrival, users can simply scan their registered access card for entry or exit. The system coordinates with panoramic and license plate recognition cameras, along with safety sensors, to process requests.

Visitor Registration: Unregistered visitors can quickly register at the control point by scanning a temporary card, allowing for seamless access after verification.

Car Entry and Exit Management

Long-Range Card System: Registered users will have long-range cards attached to their vehicles. The system will automatically detect the card as the vehicle approaches, allowing for quick, safe passage if the card matches the registered license plate.

Synchronized Access Control

The project management team required a robust card-based access control system that ensures reliability, simplicity, and professionalism for effective security management.

Solution

ZKTeco has deployed 28 central controllers, 77 card readers, and 1 card registration reader in key areas to manage access control via card authentication. In addition, the access control system for this project also includes the installation of 118 electromagnetic locks, 77 exit buttons, and 77 emergency door release buttons.

Only individuals with registered access cards are authorized to enter designated areas within the assigned time schedules. Upon successful card authentication at the reader, the central controller activates the electromagnetic lock to unlock the door.

Inside each area, a standard exit button is installed to allow users to exit easily when needed. Additionally, an emergency door release button is installed next to it, designed for use in critical situations such as fire or explosion, ensuring maximum safety for users.

ZKBio CVSecurity All in One Management Software

All vehicle access control and entry management systems are integrated with the centralized management software ZKBio CVSecurity for data storage, access rights assignment, entry/exit scheduling, and comprehensive access reporting for the administration team.

