HIKVISION®

TAKE TOTAL CONTROL
OF ACCESS CONTROL
HIKVISION ACCESS CONTROL

TAKE TOTAL CONTROL OF ACCESS CONTROL WITH HIKVISION

Complete, end-to-end solutions – from cameras to access controllers, from alarm relays to IP architecture, from door locks to DVRs, and more – have been meticulously engineered by the world's largest R&D Development team in the security industry. Hikvision's development facilities lead the industry in advancing the technology of every essential piece in an Access Control system. And we're just getting started.

The need for perimeter security – both indoor and outdoor – grows every day.

But with years of experience guiding every decision, you know what needs to be done. Whether they are coming in or going out, you establish complete control with Hikvision's Access Control system. We provide features like tamper-proof credential systems, MIFARE and contactless card readers, and multiple-input access modes for secure identity confirmation. Various communication interfaces and protocols are available as well, including TCP/IP network interface and Wi-Fi standalone terminals, and customers' accounts always remain safe via RSA and AES encryptions.

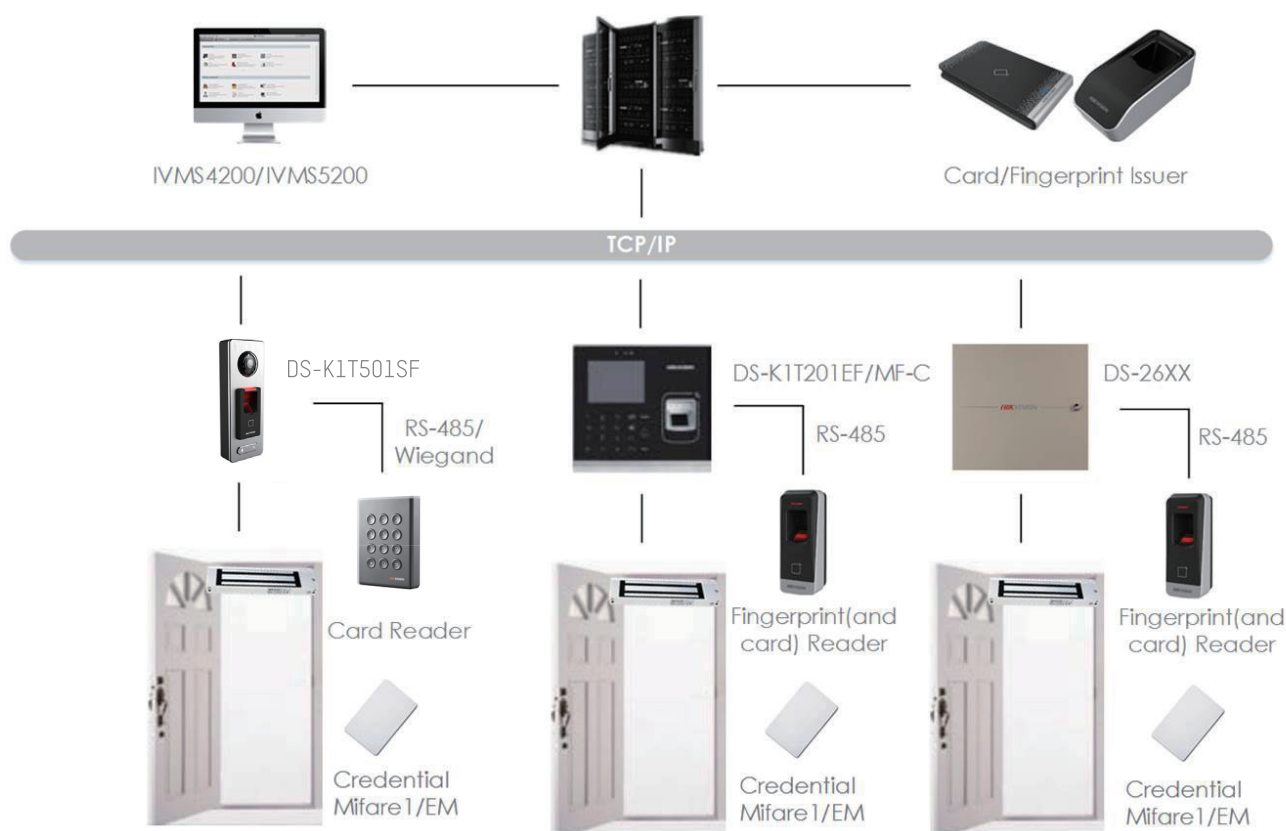Hikvision is a name you can trust in security.

SYSTEM TOPOLOGY

A complete access control system consists of an access controller, card reader, exit button, lock, and software platform, along with any other needed accessories.

Hikvision's Access Control systems feature:

- Access controller that downloads information from software, including the person ID, card number and permissions, granting access to specified personnel at assigned times.
- Card readers to gather identifying information when a user is verified. The reader then sends the user card information to controllers, and completes the verification process.
- Fingerprint reader identifies user directly when pressed, sends and saves the user ID and records to controllers, and completes the verification process.
- Door sensors that retrieve door status – when a door's status is abnormal, an alarm will be triggered and a notification sent to management software.
- Software to manage real-time events and monitor device status, as well as link up with other Hikvision devices.

IVMS4200/IVMS5200 — Card/Fingerprint Issuer

TCP/IP

DS-K1T501SF — RS-485/Wiegand — Card Reader — Credential Mifare1/EM

DS-K1T201EF/MF-C — RS-485 — Fingerprint(and card) Reader — Credential Mifare1/EM

DS-26XX — RS-485 — Fingerprint(and card) Reader — Credential Mifare1/EM

LARGE-SCALE APPLICATIONS
ACCESS CONTROLLERS

Hikvision's Professional Access Controller DS-K2600 Series is designed for large-scale applications, including large office buildings and government projects. Integrated and managed using Hikvision software, the controllers provide maximum functionality and security.

Key Features:

- Multiple verifications with fingerprints & card readers
- Connects to software and create reports for time and attendance tracking
- System integration – supports TCP/IP and linkage to network cameras and fire alarm systems
- Data protection – online and offline modes keep data secure in the device in case of a network interruption
- Advanced access control functions such as anti-passback and interlock
- Unique hardware design – this self-detecting system provides a fire alarm, backup wiring and a backup battery to maintain optimal system operation

LEADING A NEW CENTURY FOR BIOMETRIC IDENTIFICATION
FACE RECOGNITION ACCESS TERMINAL

Hikvision's face recognition access control terminal embedded with the proprietary deep-learning algorithm. The capability to use captured pictures to build face models makes it stand out among competitors.

Key Features:

- Up to 10,000 Faces Capacity
- Deep Learning Algorithm Inside
- Face Recognition Accuracy Rate > 99%
- Multiple Authentication Modes
- Face Recognition Distance: 0.3m ~ 1m

ALL-IN-ONE SYSTEMS FOR SMALL-SCALE APPLICATIONS
PROFESSIONAL STANDALONE TERMINALS

Hikvision's new professional Standalone Terminals DS-K1T105 and DS-K1T201 feature acrylic panels and excellent craftsmanship. These advanced terminals support multiple access control functions and can link to Hikvision cameras for a wide range of uses in office buildings, factories and more.

Key Features:
- Supports TCP/IP, RS485, and Wi-Fi
- Connects to software and create reports for time and attendance tracking
- Advanced access control functions such as anti-passback, interlock, and network camera linkage
- Built-in cameras for face-detection and capture

STANDALONE TIME ATTENDANCE TERMINAL
ECONOMIC STANDALONE TERMINALS

What is more convenient than installing a fingerprint terminal to track employee attendance in a small shop or restaurant? Why not use a fingerprint terminal at a door that only allows verified personnel to pass? Terminals have proven to be more effective in turning away curious customers than "staff only" labels.

Hikvision's new DS-K1A802 and DS-K1T804 terminals are sure to impress. And not just for their beauty and design! They feature the latest biometric fingerprint technology, adding both security and sophistication.

- Black
- Gold
- Silver
- White

Key Features:
- Easy to operate – fingerprint and card recognition
- Easy to install – convenient and flexible wall-mounted installation
- Easy to manage – manage via Wi-Fi
- Easy to track – export time and attendance reports via USB, set shifts on device locally, and easy to track attendance

ELEVATOR CONTROL SYSTEM
ELEVATOR CONTROLLERS

The Hikvision elevator control system comprises of a master controller and distributed controllers. The master controller communicates with the software over TCP/IP; a distributed controller connects the master controller and elevator buttons via RS-485. The master controller can serve as the data center and download access authorization information from software for offline use. The system provides unique access authorization for different visitor via access cards. It's able to manage up to 128 floors - suitable for most large, medium, and small projects.

Key Features:

- TCP/IP, RS485 uplink
- RS485, Wiegand downlink
- Multiple functions group
- Abundant linkage interface
- Tamper-proof
- Control up to 128 floors

iVMS-4200

- All-in-one desktop client
  CCTV module
  Intercom module
  Access control module
  Time & attendance module
- Up to 10,000 users and 10,000 cards
- Up to 16 controllers across 64 doors, expandable to multiple languages

Intelligent Video Management System

* Note: The iVMS-4200 is free client-server structure software. The iVMS-5200E provides more advanced features for professional use.

HIK-CONNECT

- Cross-platform mobile app
- Scan the QR code to add a device
- Status check, real-time monitoring
- Remote management
- Alarm notification and transaction search

* Supports K1T500S only. Version 3.2 or above.

SYSTEM HIGHLIGHTS

❶ TCP/IP System Structure

Hikvision's Access Control devices connect to the software platform over Internet to integrate various systems. Customer accounts are secured via RSA and AES encryptions.

❷ Multiple Access Modes

Hikvision Access Control System supports various access modes to suit each unique security need. Different access modes are available:
- Card only
- Card + password
- Card + fingerprint
- Fingerprint only
- Fingerprint + password
- Fingerprint + password + card

Password + fingerprint   Card + password   Fingerprint

❸ Multiple Alarm Functions

An alarm can be set to trigger when one of these events occur:
- Card reader tampering
- Door unlocked
- Sustained unlocked door
- Door opens abnormally
- Cards and/or codes entered under duress
- Blacklisted card used
- Multiple swipes of unknown or unauthorized card

It also supports input and output of alarm signals in the alarm zone (alarm zone refers to alarm input and output settings, set using alarm linkage).

❹ Multi-System Linkage

Video Intercom:
By linking hardware to software, cameras can begin recording upon alarm activation, performing real-time surveillance.

Fire Alarm Linkage:
Hikvision's access control system receives signals from fire alarm switches and opens or unlocks appropriate doors according to software settings.

More Linkage Possibilities:
Hikvision Access Control System provides linkage support for software and hardware, as well as other types of linkage.
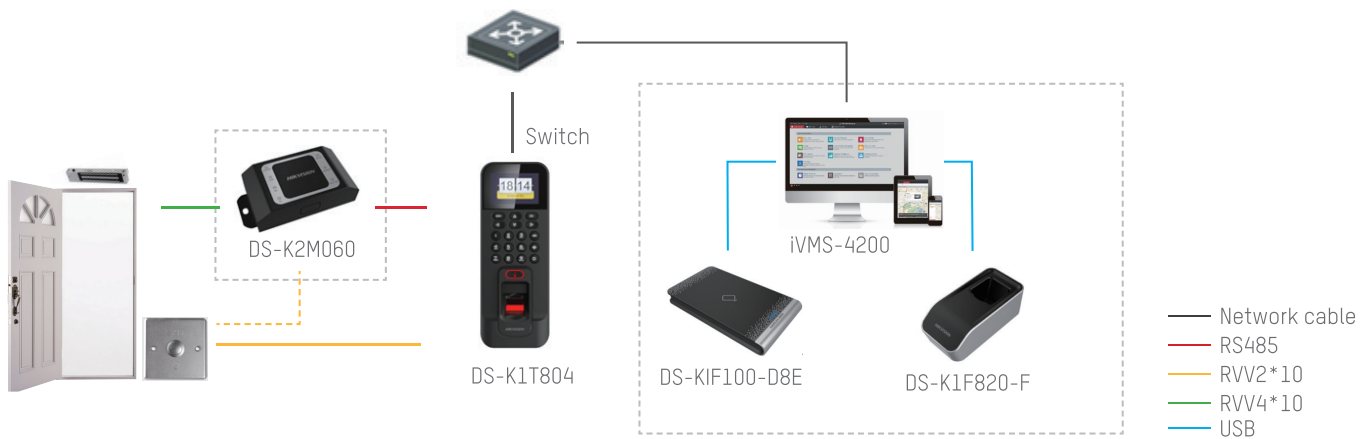
5 POS Function

Hikvision Access Control's POS function integrates access control and video surveillance systems. When users verify successful connection, there are two main applications:

- When verifying, back-end products (NVRs/DVRs) will automatically show the card number and event type on the specified video channel.
- The records of the verification will be added to video events and can be searched using the management software; each event will include 1 minute of video footage.

Multi-door access controller

Access control

LAN

NVR

DVR

6 Optional Secure Module (standalone terminals only)

The Secure I/O Expansion Module provides secure door control as well as I/O expansion via encrypted communication when combined with other Hikvision devices.

Switch

DS-K2M060

DS-K1T804

iVMS-4200

DS-KIF100-D8E

DS-K1F820-F

Network cable
RS485
RVV2*10
RVV4*10
USB

7 Advanced Functions

Hikvision's unique system supports multiple advanced card configurations, including:

- card disabling,
- blacklisted cards,
- normal card access,
- visitor and VIP cards,
- cards entered under duress,

and more. Further support includes password authentication, interlock, anti-passback, first card to open door, multiple authentication, online updates, remote control, and more.
Economic standalone terminals excluded.

VIP EVENT