



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.

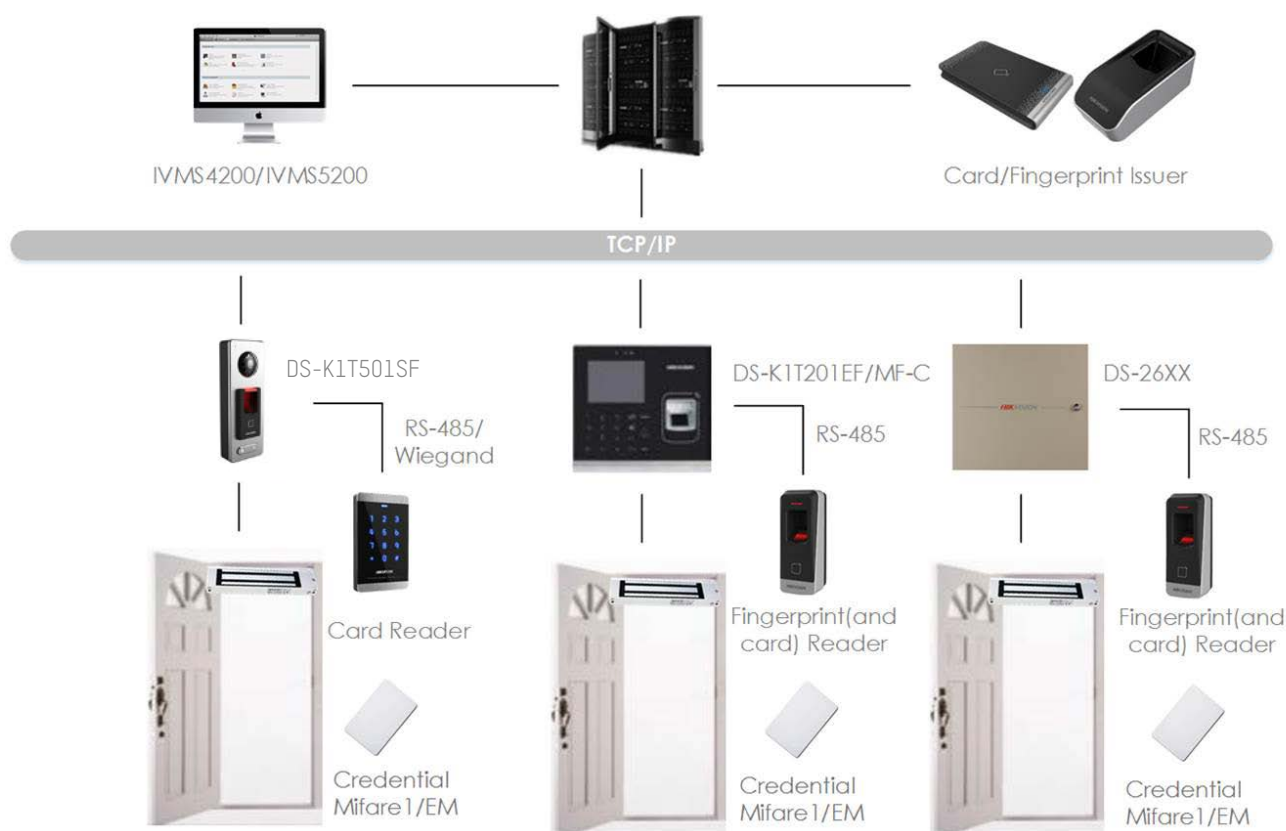


SYSTEM TOPOLOGY

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.



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

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 scanner to track employee attendance in a small shop or restaurant? Why not use a fingerprint scanner at a door that only allows verified personnel to pass? Scanners have proven to be more effective in turning away curious customers than "staff only" labels. Hikvision's new DS-K1A802 and DS-K1T804 scanners are sure to impress. And not just for their beauty and design! They feature the latest biometric fingerprint technology, adding both security and sophistication.

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 and mobile app
- 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 access 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



** 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 K1T501 series only. Version 3.2 or above.*

SYSTEM HIGHLIGHTS

1 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.



2 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

3 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).



4 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

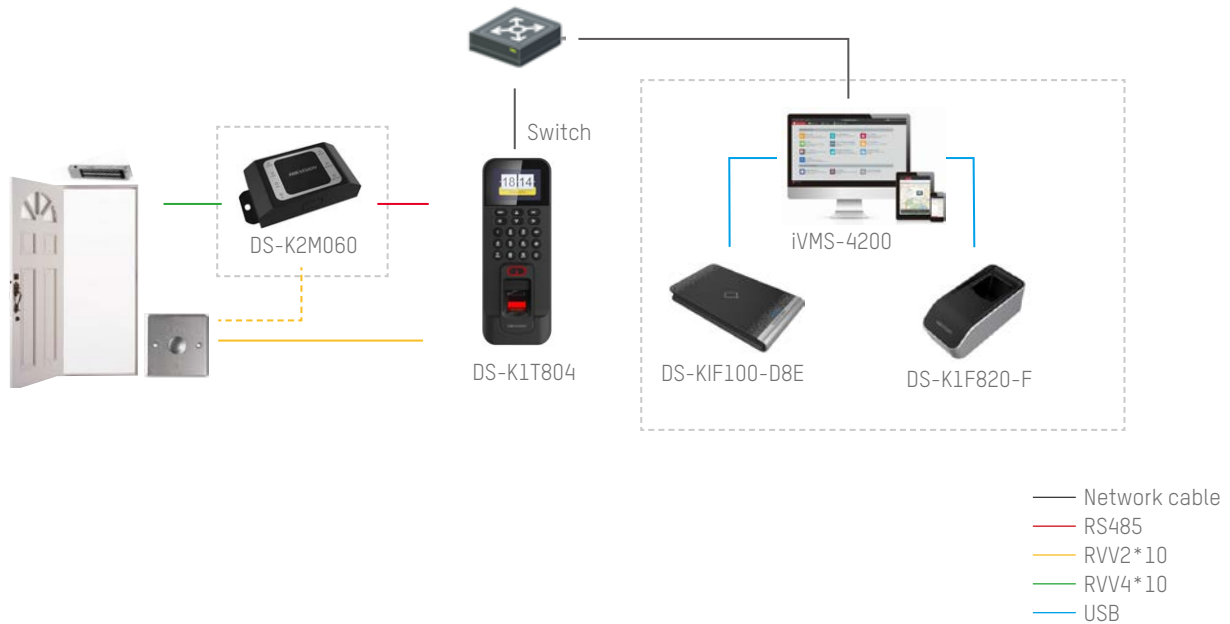
Hikvision Access Control's POS function integrates access control and video surveillance systems. When users verify successful connection, there are two main applications:

- 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.



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.



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.*



Economic



DS-K1T804MF/EF
Fingerprint Access Control Terminal

- Supports access control and time attendance function
- Optical fingerprint module, 3,000 capacity
- 2.4-inch LCD screen
- Supports Wi-Fi & TCP/IP
- Stand-alone operation
- Multiple authentication: card (EM or Mifare-1), fingerprint, etc.



DS-K1A802MF/EF-1
Fingerprint Time Attendance Terminal

- Supports time attendance function, generates reports automatically
- Optical fingerprint module, 800 capacity
- 2.8-inch LCD screen
- Supports Wi-Fi & TCP/IP
- Stand-alone operation (add persons, cards, and fingerprints locally)



DS-K1A802MF/EF-B
Fingerprint Time Attendance Terminal

- Supports time attendance function, generates reports automatically
- Optical fingerprint module, 3,000 capacity
- 2.8-inch LCD screen
- Support Wi-Fi & TCP/IP
- Stand-alone operation (add persons, cards, and fingerprints locally)
- -B module equipped with lithium battery



DS-K1T605M/E/MF/EF(-B)
Face Recognition Terminal

- 5-inch LCD touch screen, 300,000 pixel wide-angle lens
- Built-in Mifare/ EM card reading module (not available for M/E modules)
- Face recognition distance: 0.3m to 1m; live face detection, max. 2000 face pictures
- Supports TCP/IP, Wi-Fi communication,
- DC 12V/2A
- *-B module equipped with lithium battery



DS-K2804
Four-Door Access Controller

- Accessible card reader: 4 Wiegand readers
- Input interface: 4 door magnetics, 4 door switches, 4 case inputs
- Output interface: 4 door switch relays, 4 alarm relays
- Uplink communication interface: TCP/IP, RS-485
- Stores up to 10,000 cards and 50,000 access control events



DS-K1T801M/E
Time Attendance and Access Control Terminal

- 12-key keyboard and doorbell
- Built-in MIFARE/EM card reading module
- Max. 3000 card number settings
- Supports door-open button



DS-K1T802M/E
Time Attendance and Access Control Terminal

- 128x64 dot matrix STN screen
- 12-key keyboard and doorbell
- Built-in MIFARE/EM card reading module
- Supports door-open button
- Stores up to 3,000 cards and 10,000 access control events



DS-K1T501SF
Video Access Control Terminal

- Face detection and image capture function via built-in camera (2 MP, optional)
- Supports TCP/IP, Wi-Fi communication, and E-Home protocol
- Supports MIFARE card reading
- Stores up to 50,000 cards, 200,000 access control events, and 3,000 fingerprints
- Works as a card reader and supports Wiegand and RS-485 interfaces for accessing the controller



DS-K1802MK/EK
Card Reader

- Supports MIFARE-1/EM card
- PC+ABS material shell
- Supports Wiegand protocol
- IP65 Standard
- With keypad



DS-K1801M/MK/EK
Card Reader

- Support MIFARE-1/EM card
- PC+ABS material shell
- Supports Wiegand protocol
- IP65 standard
- Keypad optional

Professional



DS-K2604
Four door Access Controller

- Accessible card reader: 4 Wiegand readers & 8 RS485 readers
- Input interface: 4 alarm inputs, 4 door magnetics, 4 door switches, 8 case inputs, 1 tamper-proof
- Output interface: 4 door switch relays, 4 alarm relays
- Uplink communication interface: TCP/IP, RS-485
- Stores up to 100,000 cards and 300,000 access control events



DS-K1T105M/E(-C)
Standalone Access Control Terminal

- 2.8 inch LCD-TFT screen
- 16-key keyboard and doorbell
- Built-in MIFARE/EM card reading module
- 2 MP camera (optional)
- Supports Wi-Fi
- Stores up to 100,000 cards and 300,000 access control events



DS-K2210
Master Elevator Controller

- Connectable with up to 2 Wiegand card readers or RS-485 card readers
- Connectable with up to 3 groups of distributed elevator controllers (DS-K2M0016A). Each group is connectable with up to 8 distributed elevator controllers (DS-K2M0016A)
- Control up to 128 floor permissions
- Supports adding 20,000 normal cards and saving 50,000 events



DS-K2M0016A
Distributed Elevator Controller

- RS-485 communication with master elevator controller
- Connectable with up to 16 relays to control floor buttons in elevator. Supports three types of relays: call elevator, button, and auto button
- DIP switch settings for device address and relay types. Supports 3 relay types: call elevator, button, and auto button
- Up to 8 distributed elevator controllers can be linked to the master elevator controller (DS-K2210)



DS-K1T201MF/EF(-C)
Standalone Access Control Terminal

- 2.8 inch LCD –TFT screen
- 16-key keyboard and doorbell
- Built-in MIFARE/EM card reading module
- 2 MP camera (optional)
- Supports Wi-Fi
- Stores up to 100,000 cards and 300,000 access control events



DS-K1101M(K)
Card Reader

- Supports MIFARE-1 cards
- Keypad (DS-K1101MK)
- Supports RS485 and Wiegand (W26/W34) protocol, tamper-proof
- Applies to 120 gang box only



DS-K1102 M/E/MK/EK
Card Reader

- Support EM cards (DS-K1102E/EK)
- Supports MIFARE-1 cards (DS-K1102M/MK)
- Supports RS485 and Wiegand (W26/W34) protocol, tamper-proof
- Applies to 86 & 120 gang boxes



DS-K1107M/MK
Card Reader

- Support MIFARE-1 card
- Keypad (DS-K1107MK)
- Supports RS485 and Wiegand (W26/W34) protocol
- IP65



DS-K1201EF/MF
Fingerprint Card Reader

- Support fingerprint and MIFARE 1/EM cards
- Supports RS485 protocol
- IP65
- Up to 5,000 fingerprints



DS-K1104M(K)
Vandal Proof Card Reader

- Supports MIFARE-1 card
- Keypad (DS-K1104MK)
- Supports RS485 and Wiegand (W26/W34) protocol, tamper-proof
- Applies to 86 & 120 gang boxes
- Vandal proof



DS-K1106M
Card Reader

- 32-bit high-speed processor
- Supports RS485 and wiegand(w26,w34) protocol
- Built-in buzzer for status indication
- Supports MIFARE card reading, including card number and content reading
- Tamper-proof

Card/Fingerprint Issuer



DS-K1108EK/MK
Card Reader

- Supports RS485 and Wiegand (w26/w34) protocol
- Supports reading EM card number (DS-K1108EK)
- Supports reading MIFARE card number (DS-K1108MK)
- Built-in buzzer for status indication
- Online upgrading
- Tamper-proof



DS-K1F820-F
Fingerprint Card Issuer

- 508 dpi high-definition
- Supports plug and play (PnP)
- Optical fingerprint sensor designed with scratch-resistant material
- Applies to Windows operating system via client software
- Supports configuration and operation via client software
- USB 2.0 communication standard for data transmission
- Power over USB
- Composite fingerprint images from triple collection



DS-K1F180-D8E
Card Issuer

- Plug-and-play USB with no-driver technology
- Supports various card types (MIFARE and EM card)
- Supports online upgrade

Other Accessories



DS-K1F100-D8E
Card Enrollment Station

- Plug-and-play USB with no-driver technology
- Supports various card types (MIFARE card, CPU, PSAM, and EM card)
- Supports online upgrade



DS-K2M060
Secure Module

- Provides secure door control & I/O expansion via encrypted communication combined with other Hikvision terminals
- Supports RS485 protocol



IC S50
MIFARE 1 Non-Contacting IC Card

- 13.56 MHz frequency
- Anti-conflict
- 10-year data storage
- Triple accreditation (ISO/IEC DIS9798-2)



MF-Y3
Keyfob



- ABS and PVC wrap, ultrasonic welding
- Compact and durable, easily fits on key chains
- Read-write distance: 5 - 10 cm
- 13.56 MHz working frequency
- Dimension: 41×32×3.5 mm
- IP67



DS-K4T100
Electric Bolt

- Supports thrust of 800Kg
- Polished and brushed stainless steel
- Working current: 900mA (startup current), 100mA (standby)
- 12V DC



DS-K4H2500
Magnetic Lock

- Double-door control
- Supports static linear thrust of 2x300kg
- Working current: 12V/500mA×2, 24V/250mA×2



DS-K4T100-U1/2
Electric Bolt Accessories

- Aluminum alloy material
- Suitable for fully frameless glass door
- Door opens both sides at 180°



DS-K4H250-LZ/U
Magnetic Lock Accessories

- Aldural material
- Sandblast surface
- Hard-anodized and electroplated



DS-K7P01/02
Exit Button

- Aluminum alloy panel with sandblast finish, metal button
- Passed 500,000 times aging test
- NO/NC/COM Contact
- 3A@36VDC Max



DS-K7P03/04
Exit Button

- Infrared sensor
- Aluminum panel
- Passed 1 million times aging test
- NO/NC/COM contact
- 1A@30V DC, 0.5A@125V AC



DS-K7P05/06
Exit Button

- Infrared sensor
- Brushed stainless steel panel, metal button
- Passed 500 thousand times aging test
- NO/NC/COM contact
- 3A@36V DC Max



DS-K7PEB
Emergency Break Glass

- Suitable for exit door and emergency door
- Fireproof material, sandblast finish
- NO/NC/COM contact
- 3A@36V DC Max



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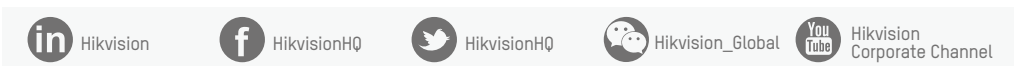
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