



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.

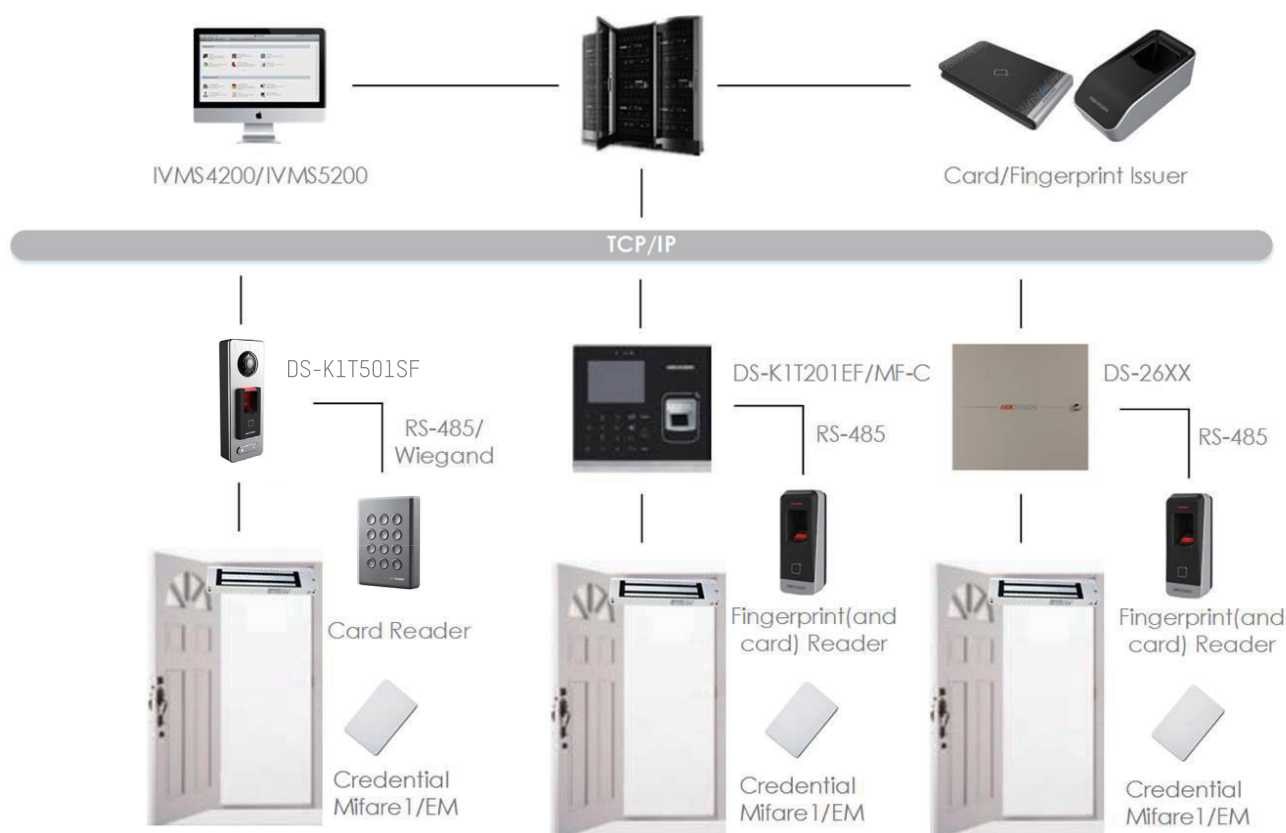


# SYSTEM TOPOLOGY

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



### 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

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.



# 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.

### 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



\* 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

## 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

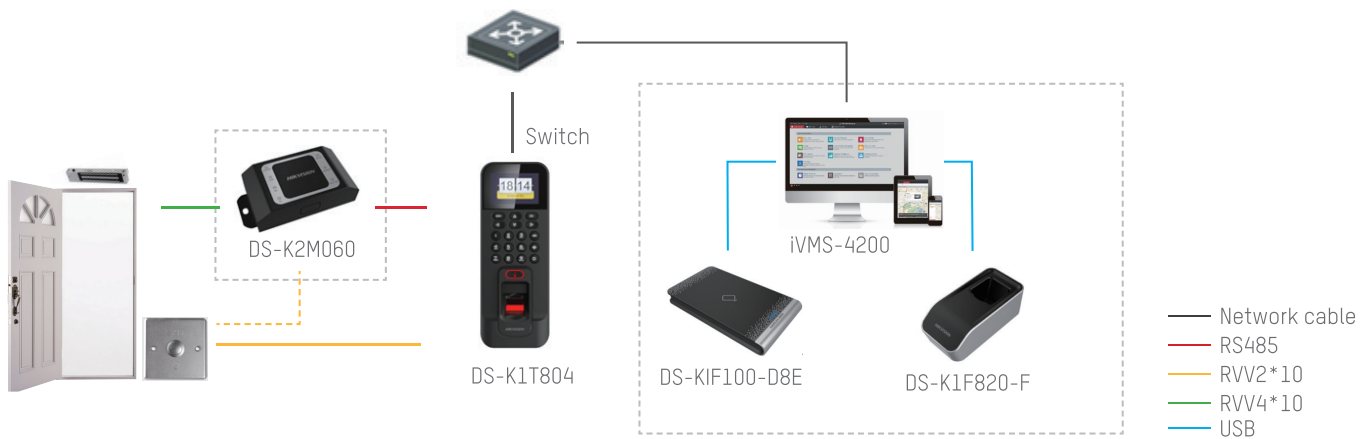
Hikvision Access Control's POS function integrates access control and video surveillance systems. When users verify successful connection, there are two main applications:

- 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 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
- Supports 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, 0.3 MP wide-angle lens
- Built-in Mifare/ EM card reading module (not available for M/E modules)
- Face recognition distance: 0.3m to 1m;
- Max. 2000 face pictures
- Supports TCP/IP, Wi-Fi communication,
- DC 12V/2A
- \*-B module equipped with lithium battery



**DS-K1T606M/MF**  
Face Recognition Terminal

- 5-inch LCD touch screen
- 2 MP wide-angle dual- lens
- 0.3m to 1m recognition distance
- 3000 face capacity
- 5000 card capacity
- 5000 fingerprint capacity (-F model)
- Face recognition duration ≤ 1s per person
- IP65



**DS-K2801/2/4**  
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
- Stores up to 10,000 cards and 50,000 access control events



**DS-K1T802M/E**  
Time Attendance and Access Control Terminal

- 128×64 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
- 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

Professional



**DS-K1801M/MK/EK**  
Card Reader

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



**DS-K2601/2//4**  
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-K1T604M/MF**  
Face Recognition Terminal

- 7-inch LCD touch screen
- 2 MP wide-angle dual-lens
- 0.3m to 1m recognition distance
- 10000 face capacity
- 50000 card capacity
- 5000 fingerprint capacity (-F model)
- Face recognition duration  $\leq$  0.5s per person



**DS-K3B601**  
Swing Barrier

- Anti-pinch function
- Anti-collision function
- Fail safe for emergency situation
- 5000,000 times of swing
- 12 pairs of infrared sensors
- 30 - 40 passage frequency
- 550 mm - 1100mm aisle width
- AISI304 stainless steel, thickness:1.5mm
- IP54



**DS-K5603-Z**  
Face Recognition Terminal

- 10.1-inch LCD touch screen
- 2 MP wide-angle dual-lens
- 0.3m to 1m recognition distance
- 10000 face capacity
- Face recognition duration  $\leq$  0.5s per person
- IP55



**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



**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



**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-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

**Card/Fingerprint Issuer**



**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-K1F100-D8E**  
Card Enrollment Station

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

**Other Accessories**



**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)



**DS-K4T100**  
Electric Bolt

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



**DS-K4H250D**  
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-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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Distributed by



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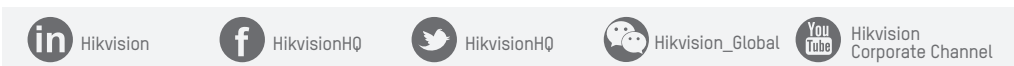
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