HIKVISION

A SAFE ENVIRONMENT
THROUGH SECURED ACCESS

TAKE TOTAL CONTROL OF ACCESS CONTROL
– WITH HIKVISION

When you're installing Access Control systems, there's a lot on your mind and there's a lot riding on your product decisions. The equipment you choose must be absolutely reliable, made with the highest quality components, and user-friendly. Whether you're upgrading an existing infrastructure, or building a new security system from the ground up, only the best will do. Top-of-the-line video surveillance systems, expert installation, and first-rate customer service form the bedrock of the industry. That's what you expect. And that's what Hikvision provides.

Complete, end-to-end solutions – from cameras to controllers, from alarm relays to IP architecture, from door locks to DVRs, and more – have been meticulously engineered by the largest R&D Development team in the security industry worldwide. 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.

HIGHLIGHTED TECHNOLOGIES

VARIOUS ACCESS MODES

Hikvision Access Control System supports various access modes to suit each unique security need. Modes include access via card, card + password, fingerprint, card + fingerprint, password + fingerprint, and card + password +fingerprint.
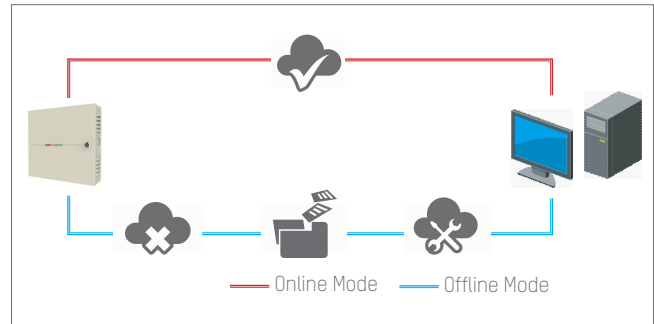

password + fingerprint   card + password   fingerprint

ONLINE AND OFFLINE MODES

Online Mode: Events are recorded by controller in real time and uploaded to PC storage equipment.
Offline Mode: Controller stores relevant information, as authorized, when the network connection gets interrupted. Information uploads continuously after the connection is restored.

Online Mode   Offline Mode

MULTI-SYSTEM LINKAGE

Video Linkage: By linking hardware to software, cameras begin recording when an alarm is activated, performing real time surveillance.
Fire Alarm Linkage: Hikvision's Access Control System receives signals from fire alarm switches and opens appropriate doors according to software settings.
Other Linkage: Our Access Control System provides linkage support for software and hardware, as well as other kinds of linkage.
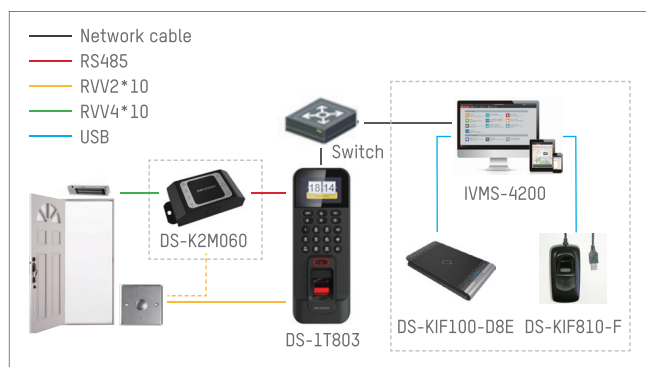

FREE ATTENDANCE MANAGEMENT MODULE

This module supports Attendance Management by using Hikvision's iVMS-4200 software. Security personnel can define attendance rules according to real situations at their facilities. It also supports statistical analysis and printing, fulfilling specific security requirements of small-to-medium size organizations.

SECURE MODULE OPTIONAL

Secure I/O expansion Mudule provides secure door control as well as I/O expansion via encrypted communication when combined with outher Hikvision devices.

TCP / IP SYSTEM STRUCTURE

The Controller connects to the software platform over the Internet to integrate the various systems. Customers' accounts remain safe via RSA and AES encryptions.

MULTIPLE ADVANCED-FUNCTION CONFIGURATIONS

Hikvision's unique system supports multiple advanced card configurations, such as card disabling, blacklisted cards, normal card access, visitor and VIP cards, cards entered under duress, and more. Further support includes password authentication, interlocking, anti-passback, first card to open a door, multiple authentication, online updates, remote control, and more.

MULTIPLE ALARM FUNCTION SUPPORT

The alarm triggers when these events occur: card reader tampering, unlocked door, sustained unlocked door, door opens abnormally, cards and/or codes entered under duress, blacklisted card used, and multiple swipes of an unknown or unauthorized card. It also supports input and output of alarm signals in the alarm zone. (Alarm zone refers alarm input and output settings, which is set by alarm signal linkage.)

HIGHLIGHTED PRODUCTS

1100 SERIES CARD READER

• High-speed, 32-bit processor with powerful performance
• RS-485 and Wiegand communication supported; Wiegand communication supports W26 and W34 formats
• Supports 13.56 MHz MIFARE 1, card number recognition (DS-K11XX M/MK)
• Supports 125 KHz EM card number recognition (DS-K1102E/EK)
• Online update support (in case of update failure, system can automatically revert back to its previous settings.)
• Embedded "Watchdog" program – Identifies equipment malfunction and repairs it to keep the system running.
• Tamper Alarm supported

THE DS-K2600 SERIES ACCESS CONTROL CONTOLLERS

• High-speed, 32-bit processor with powerful performance
• TCP / IP communication, automatic adjustment to network speed
• Stores 100,000 legitimate cards and 300,000 card-swipe logs
• Supports protected-area alarm status access, resistant to short-circuiting and cut-offs
• Supports 20-digit card number identification and storage
• Simultaneous connections to the RS-485 interface and Wiegand interface reader are supported, while the RS-485 connection uses a dual-interface design that supports loop breakpoint fault detection and redundancy functions. Multiple Wiegand formats are supported – including W26, W34 and W37 – allowing seamless compatibility with third-party Wiegand interface readers.
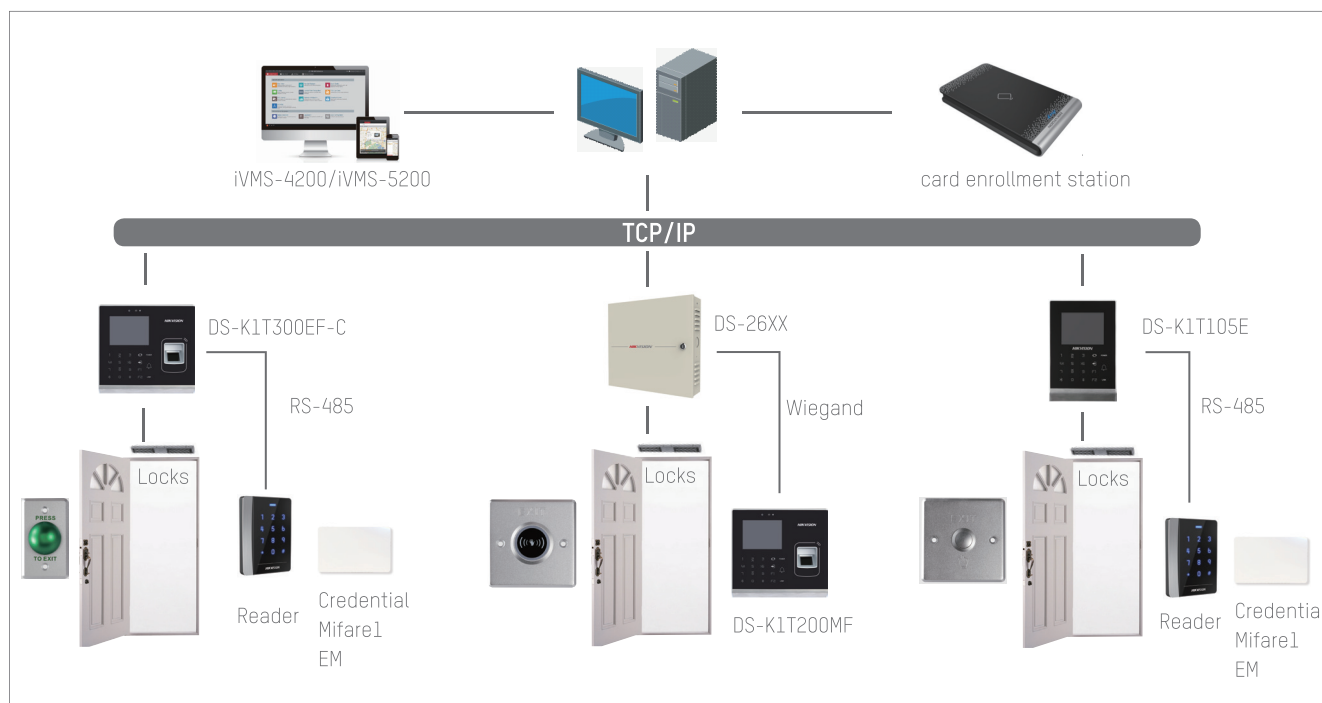
ALL-IN-ONE SYSTEMS: DS-K1T105 & DS-K1T200

• Latest touch-key and blue-ray technology are used, giving systems a modern appearance.
• TCP / IP, wireless / Wi-Fi, & RS-485 connectivity support
• Supports Hikvision E-Home Protocol for multiple-device communication
• 200-Watt Hi-def camera, supporting face recognition and snapshots (DS-K1T200MF-C, DS-K1T200EF-C)
• Supports the RS-485 vice card reader for bi-directional swiping
• Supports the card reader working mode set, and corresponds between card reader and the access control server.
• Stores 100,000 legitimate cards and 300,000 card-swipe logs
• Includes tamper alarm and recognizes sustained unlocked doors, cards and/or codes entered under duress, multiple swipes of an unknown or unauthorized card, and strengthens the system safety overall
• Digital clock and Watchdog program are embedded to provide the correct date & time and to keep the server functioning optimally; data is permanently preserved

STANDALONE TIME&ATTENDANCE TERMINAL: DS-K1T803 & DS-K1A801

• 2.4-inch LCD screen to display the time, the date and swiping/fingerprint authentication results
• Wired network and Wi-Fi are available
• Accurate and fast fingerprint recognition. The recognition time duration is less than 1.5s
• Max. 3000 users, Max. 3000 fingerprints and Max. 100,000 event records are available
• Different authentication types can be configured according to different situations
• Stand-alone operation: Locally add person, card and fingerprint information; Export the swiping card data and the attendance report to the USB
• Up to 32 normal shifts and up to 32 man-hour shifts can be configured
• Up to 32 attendance holiday schedules and up to 128 access control holiday schedules can be configured
• Generate the attendance report automatically
• The doorbell can connect the third party buzzer
• Tampering alarm and duress alarm function
• It is available to connect the external RS-485 secure door control to avoid the door opening

iVMS-4200/iVMS-5200 card enrollment station

TCP/IP

DS-K1T300EF-C DS-26XX DS-K1T105E

RS-485 Wiegand RS-485

Locks Locks Locks

Reader
Credential
Mifare1
EM

DS-K1T200MF

Reader
Credential
Mifare1
EM

PRODUCT SHOWCASES

ACCESS CONTROL

DS-K1802M/E
Card Reader

• Support Mifare 1/EM card
• PC+ABS material shell
• Supports Wiegand protocol
• IP65 Standard

DS-K1802MK/EK
Card Reader

• Support Mifare 1/EM card
• PC+ABS material shell
• Supports Wiegand protocol
• IP65 Standard
• With keypad

DS-K1F810-F
Fingerprint Card Issuer

• 500 dpi high-definition
• Support the function of PnP(plug and play)
• Optical fingerprint sensor designed with scratch-resistant materia
• USB 2.0 communication standard for data transmission

DS-K1F180-D8E
Card Issuer

• Plug-and-play USB with no-driver technology
• Supports various card types (Mifare card and EM card)
• Supports on-line upgrade

DS-K1107E/EK
DS-K1107E/EK

• Support EM card,
• With keypad (DS-K1107EK)
• Supports RS485 and Wiegand (W26/W34) protocol,
• IP65 Standard

DS-K1107M/MK
Card Reader

• Support Mifare 1 card,
• With keypad (DS-K1107MK)
• Supports RS485 and Wiegand (W26/W34) protocol,
• IP65 Standard

PRODUCT SHOWCASES

DS-K1200EF/MF
Fingerprint Card Reader

- Support fingerprint Mifare 1/EMcard
- Supports RS485 protocol,
- IP65 Standard
- 9500 Fingerprints Capacity

DS-K2M060
Secure Module

- Provide secure door control as well as I/0 expansion via encrypted communication when combined with other Hikvision terminal.
- Support RS485 protocol

DS-K1T803F
Fingerprint Access Control Terminal

- Support Access Control and Time Attendance Function
- Optical Fingerprint Module, 3,000 Fingerprints Capacity
- 2.4-inch LCD Screen
- Support Wi-Fi & TCP-IP
- Stand-alone Operation

DS-K1T803MF/EF
Fingerprint Access Control Terminal

- Support Access Control and Time Attendance Function
- Optical Fingerprint Module, 3,000 Fingerprints Capacity
- 2.4-inch LCD Screen
- Support Wi-Fi & TCP-IP
- Stand-alone Operation
- Multiple Authentication: Card(EM or Miafare-1 Card), Fingerprint, etc

DS-K1A801F
Fingerprint Time Attendance Terminal

- Support Time Attendance Function, Forming Reports Automatically
- Optical Fingerprint Module, 3,000 Fingerprints Capacity
- 2.8-inch LCD Screen
- Support Wi-Fi & TCP-IP
- Stand-alone Operation(Adding Person & Card & Fingerprints Locally)

DS-K1A801MF/EF
Fingerprint Time Attendance Terminal

- Support Time Attendance Function, Forming Reports Automatically
- Optical Fingerprint Module, 3,000 Fingerprints Capacity
- 2.8-inch LCD Screen
- Support Wi-Fi & TCP-IP
- Stand-alone Operation(Adding Person & Card & Fingerprints Locally)
- Multiple Authentication: Card(EM or Miafare-1 Card), Fingerprint, etc

DS-K2801
Single-door Access Controller

- Accessible Card Reader: 2 Wiegand readers
- Input interface: 1 Door Magnetic, 1 Door Switch, 1 Case Input
- Output interface: 1 Door Switch Relay, 1 Alarm Relay
- Uplink Communication Interface: TCP/IP Network Interface and RS-485 Interface
- Storage with 10,000 cards information and 50,000 access control events

DS-K2802
Double-door Access Controller

- Accessible Card Reader: 4 Wiegand readers
- Input interface: 2 Door Magnetic, 2 Door Switch, 2 Case Input
- Output interface: 2 Door Switch Relay, 2 Alarm Relay
- Uplink Communication Interface: TCP/IP Network Interface and RS-485 Interface
- Storage with 10,000 cards information and 50,000 access control events

DS-K2804
Four-door Access Controller

- Accessible Card Reader: 4 Wiegand readers
- Input interface: 4 Door Magnetic, 4 Door Switch, 4 Case Input
- Output interface: 4 Door Switch Relay, 4 Alarm Relay
- Uplink Communication Interface: TCP/IP Network Interface and RS-485 Interface
- Storage with 10,000 cards information and 50,000 access control events

DS-K1T801M/E
Time & Attendance and Access Control Terminal

- 12 Keys 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

- 128×64 Dot Matrix STN Screen
- 12 Keys Keyboard and doorbell
- Built-in Mifare/EM Card reading module
- Supports door-open button
- Storage with 3,000 cards information and 10,000 access control events

DS-K1801MK/EK
Card Reader

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

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DS-K1801M/E
Card Reader

- Support Mifare 1/EM card
- PC+ABS material shell
- Supports Wiegand protocol
- IP65 Standard

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 on-line upgrade

DS-K2601
Single door Access Controller

- Accessible Card Reader: 2 Wiegand readers & 2 RS485 readers
- Input interface: 4 Alarm Input, 1 Door Magnetic, 1 Door Switch, 2 Case Input, 1 Tamper-proof
- Output interface: 1 Door Switch Relay, 1 Alarm Relay
- Uplink Communication Interface: TCP/IP Network Interface and RS-485 Interface
- Storage with 100,000 cards information and 300,000 access control events

DS-K2602
Double-door Access Controller

- Accessible Card Reader: 4 Wiegand readers & 4 RS485 readers
- Input interface: 4 Alarm Input, 2 Door Magnetic, 2 Door Switch, 4 Case Input, 1 Tamper-proof
- Output interface: 2 Door Switch Relay, 2 Alarm Relay
- Uplink Communication Interface: TCP/IP Network Interface and RS-485 Interface
- Storage with 100,000 cards information and 300,000 access control events

DS-K2604
Four door Access Controller

- Accessible Card Reader: 4 Wiegand readers & 8 RS485 readers
- Input interface: 4 Alarm Input, 4 Door Magnetic, 4 Door Switch, 8 Case Input, 1 Tamper-proof
- Output interface: 4 Door Switch Relay, 4 Alarm Relay
- Uplink Communication Interface: TCP/IP Network Interface and RS-485 Interface
- Storage with 100,000 cards information and 300,000 access control events

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

- 2.8 inch LCD –TFT Screen
- 16 Keys Keyboard and doorbell
- Built-in Mifare/EM Card reading module
- 2 Megapixels camera(Optional)
- Supports WiFi function
- Storage with 100,000 cards information and 300,000 access control events

DS-K1T200MF/EF(-C)
Standalone Access Control Terminal

- 2.8 inch LCD –TFT Screen
- 16 Keys Keyboard and doorbell
- Built-in Mifare/EM Card reading module
- 2 Megapixels camera(Optional)
- Supports WiFi function
- Storage with 100,000 cards information and 300,000 access control events

DS-K1101M(K)
Card Reader

- Support Mifare 1 card,
- With keypad (DS-K1101MK)
- Supports RS485 and Wiegand (W26/W34) protocol, Tamper-proof,
- Applied for 120 Gang Box Only

DS-K1102M(K)
Card Reader

- Support Mifare 1 card,
- With keypad (DS-K1102MK)
- Supports RS485 and Wiegand (W26/W34) protocol, Tamper-proof,
- Applied for 86 & 120 Gang Box

DS-K1102E(K)
Card Reader

- Support EM card,
- With keypad (DS-K1102EK)
- Supports RS485 and Wiegand (W26/W34) protocol, Tamper-proof,
- Applied for 86 & 120 Gang Box

DS-K1104M(K)
Vandal Proof Card Reader

- Support Mifare 1 card,
- With keypad (DS-K1104MK)
- Supports RS485 and Wiegand (W26/W34) protocol, Tamper-proof,
- Applied for 86 & 120 Gang Box
- Vandal Proof

DS-K1F800-F
Fingerprint Card Issuer

- 500 dpi high-definition
- Support the function of PnP(plug and play)
- Optical fingerprint sensor designed with scratch-resistant material
- USB 2.0 communication standard for data transmission

PRODUCT SHOWCASES

IC S50
Mifare 1 Non-contacting IC Card

• Working frequency: 13.56 MHz
• Anti-conflict
• Long time data storage for 10 years
• Triple accreditation(ISO/IEC DIS9798-2)

DS-K4T100
Electric Bolt

• Support Thrust of 800Kg;
• Polished and Brushed Stainless Steel
• Working Current: 900mA(Startup Current) , 100mA(Standby)
• DC12V

DS-K4H250S
Magnetic Lock

• Single -door Control
• Supports static linear thrust of 300kg
• Working Current: DC12V(500 mA) / 24VAC(250 mA)

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
Accessories of Electric Bolt

• Aluminum alloy material
• Suitable for fully frameless glass door
• The door opens both sides at the angle of 180°

DS-K4H250-LZ/U
Accessories of Magnetic Lock

• Adopts aldural material with the
• surface sandblast
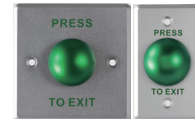• The shell is hard anodizing electroplating operated

DS-K7P01/02
Exit Button

• Aluminum alloy panel with sandblast, metal button
• Already passed 500 thousand times aging test
• NO/NC/COM Contact
• 3A@36VDC Max

DS-K7P03/04
Exit Button

• Infrared Sensor
• Panel: aluminum panel
• Already passed 1 million times aging test
• NO/NC/COM Contact
• 1A@30VDC,0.5A@125VAC

DS-K7P05/06
Exit Button

• Infrared Sensor
• Brushed stainless steel panel, metal button
• Already passed 500 thousand times aging test
• NO/NC/COM Contact
• 3A@36VDC Max

DS-K7PEB
Emergency Break Glass

• Suitable for exit door and emergency door
• Fireproof material, sandblast finished
• NO/NC/COM Contact
• 3A@36VDC Max

ACCESS CONTROL

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