ELECPROTECH
SECURITE ELECTRONIQUE ET DOMOTIQUE

CATALOGUE CONTRÔLE D'ACCÈS

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HIKVISION

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ACCESS CONTROL

CORE Non-Video Products

HIKVISION®

CONTENTS

BENEFITS

1 AVAILABILITY

We understand that speed and reliability are essential, particularly during this period of challenging lead times. In order for you to get the kit you need when you need it, we have partnered with distributors to ensure they will always have supplies of CORE Non-Video Products on their shelves.

2 ADVANCE REPLACEMENT

Because Non-Video Products are often critical pieces of equipment, it is vital that downtime is kept to a minimum. Our Advance Replacement Service, applicable to the CORE Non-Video Products mentioned in this catalogue, provides you with a replacement device quickly and easily *before* sending the old one back. We have agreed with our distribution partners who have agreed to participate in this CORE Non-Video Product program for them to make advance replacement products available to you in the event of a confirmed failure. Advance Replacement helps you offer your customers the high quality of service they deserve.

3 SERVICE

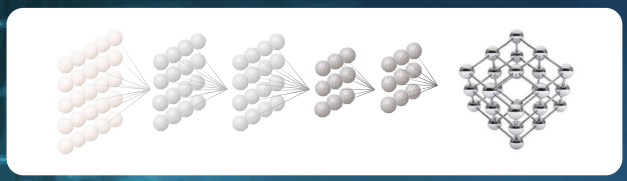
In addition, by officially registering your project with Hikvision, you can access direct support from the local UK & Ireland team, including project design, management, and project discount support. By working together, we can support partners both commercially and technically on your most critical and complex projects.

DEEP LEARNING
TECHNOLOGY

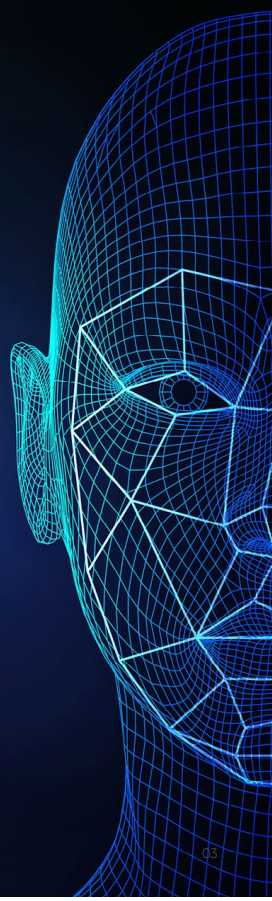
Hikvision's face recognition terminals are embedded with Deep Learning algorithms for access control and office scenarios for improving building operations, workforce management and safety operations.

Deep learning technology:

The algorithmic model for deep learning has a much deeper structure than the two 3-layered structures of traditional algorithms. In deep learning, an original signal passes through layers of processing; next, it takes a partial understanding (shallow) to an overall abstraction (deep) where it can perceive an object.



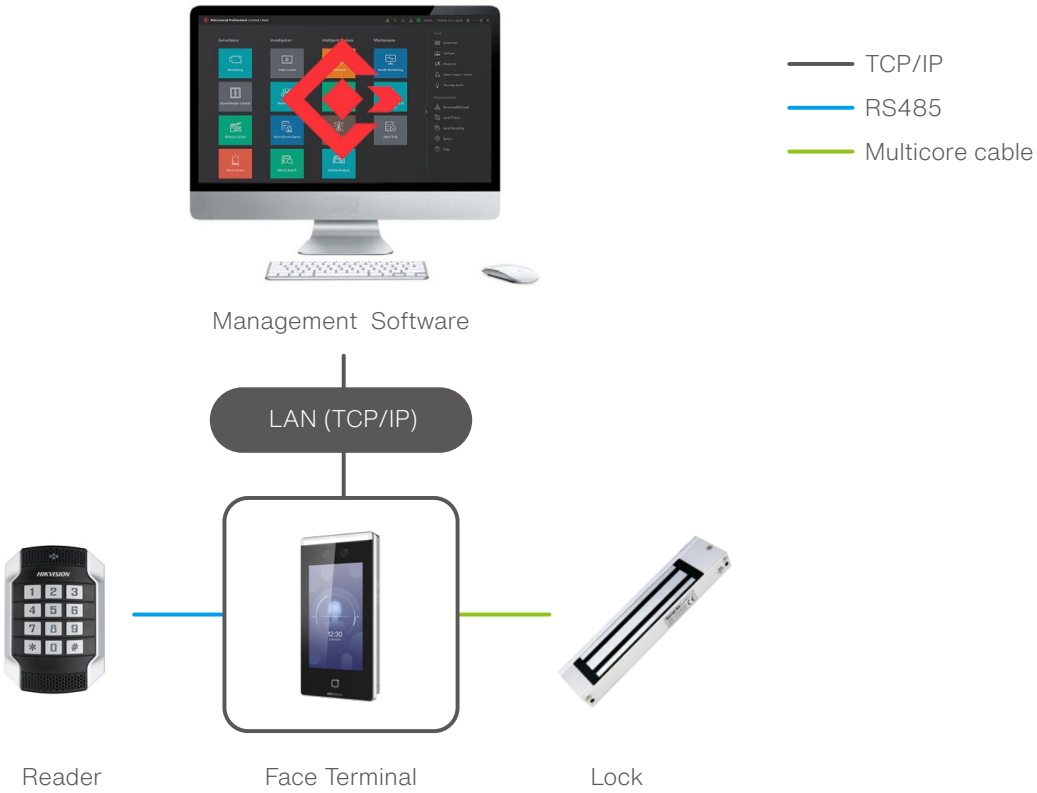
Deep learning does not require manual intervention but relies on a computer to extract features by itself. The more features there are, the more accurate the recognition and classifications will be.



MINMOE FACE RECOGNITION TERMINALS

Touch-Free Access is Easier Than Ever

- Deep Learning algorithm
- Anti-spoofing detection
- Recognition in zero-light environment
- Web configuration
- Face mask detection
- Access control & time attendance
- Multiple authentication methods
- Hik-Connect & Hik-ProConnect APP
- Video intercom & CCTV system integration


TCP/IP
RS485
Multicore cable
Management Software
LAN (TCP/IP)
Reader
Face Terminal
Lock

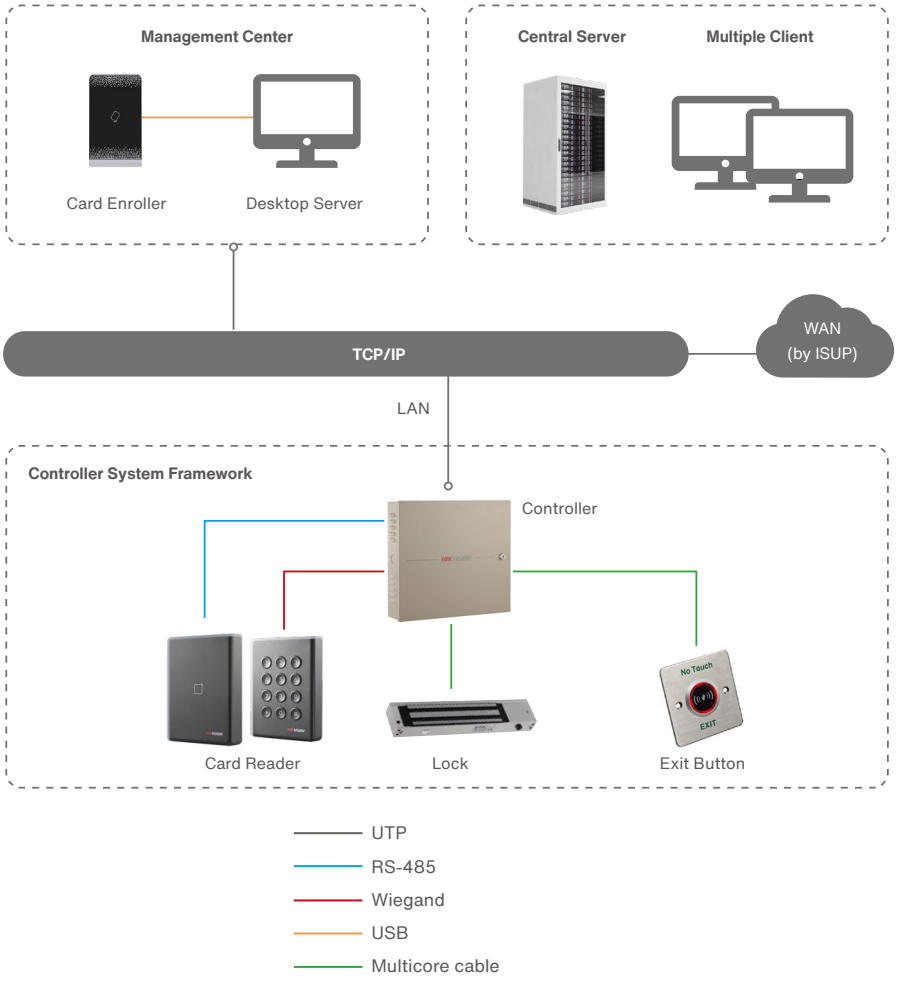
MinMoe Face Recogntion Terminal

Model	DS-K1T341AM	DS-K1T671M	DS-K1T680D-E1
Image	 Face Recognition Terminal	 Face Recognition Terminal	 Face Recognition Terminal
Power Supply	12 VDC, 2 A	12 VDC, 2 A	12 VDC/24 VDC Power Adapter, POE
Processor	32 Bit	32 Bit	32 Bit
Storage	Faces: 3,000 Cards: 3,000 Events: 150,000	Cards: 6,000 Face: 6,000 Events: 50,000	Cards: 100,000 Face: 100,000 Events: 150,000
Card Reading Mode	MIFARE 1 card	MIFARE 1 card	DESfire card;Felica card;Mifare 1 card
Communication Mode	TCP / IP, RS-485, Wiegand，ISUP5.0	TCP / IP, RS-485, Wiegand, ISUP5.0	ISUP 5.0, Wiegand, RS-485, TCP/IP
LCD Screen	4.3-inch capacitive touch screen Resolution: 480 × 800	7-inch LCD Touch screen; Resolution: 1024 × 600	8-inch LCD Touch screen; Resolution: 1280 × 800
Camera	2 MP wide-angle dual-lens	2 MP dual-lens camera, with IR supplement light, WDR	2 MP dual-lens camera, with IR supplement light, WDR
Face Authentication Duration	1:N<0.2s	1:N<0.2s	1:N<0.2s
Face mask detection	Support	Support	Support
Fingerprint Capacity	-	-	-
Input Interface	Door Sensor × 1,Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, Alarm Input × 2, Tamper × 1, Exit Button × 1, USB × 1	Network × 1, RS-485 × 1, Wiegand × 1, USB × 1, IO input × 2, door contact × 1, exit button ×1, tamper × 1
Output Interface	Lock × 1	Lock × 1, Alarm Output × 1	Lock × 1，IO output × 1
Working Temperature	-30°C to +60°C (-22°F to +140°F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Protection Level	IP65	IP65	IP65
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimension	83.2mm x 172.5 mm x x 22.7 mm (3.28" x 6.79" × 0.89")	116.5 mm × 239 mm x 33 mm (4.59" x 9.41" × 1.30")	127.3 mm × 232.1 mm × 23.5 mm (5.0" × 9.1" × 0.9")

ACCESS CONTROLLER

Take Control of Security, Take Control of Your Life

- Multi-door control
- Optional backup battery (DS-K2600T series)
- 3rd-Party Wiegand reader accessible
- Supports ISAPI and OSDP protocol
- Supports interlock, anti-passback, and advanced access control functions
- Supports zone Alarm Input and 3rd-party fire alarm linkage
- Data is stored locally in the event of sudden power outage
- WAN connection by ISUP5.0 protocol, multiple location management



Access Controller

Model	DS-K2602T/DS-K2604T
Image	 K260XT Series Access Controller
Working Voltage	12 VDC
Input Voltage	100-240 VAC
Processer	32 bit
Uplink Communication Interface	TCP / IP, RS485, ISUP 5.0
Downlink Communication Interface	RS485 & Wiegand / OSDP
Storage	Cards: 100,000 Events: 300,000
LED Indicator	Power Supply Status, Communication Status, Working Status
Built-in Clock	Yes
Accessible Card Reader	RS485 Reader: 4/8 Wiegand Reader: 4/4
Input Interface	Alarm Input: 4/4 Case Input: 4/8 Door Sensor: 2/4 Exit Button: 2/4
Output Interface	Lock Relay: 2/4 Alarm Output: 4/4
Operating Temperature	-20°C to +65°C (-4°F to +149°F)
Working Humidity	10% to 90% (Non-Condensing)
Dimensions (L×W×H)	370 mm ×345 mm × 90 mm (14.6"×13.6"×3.5")

READER

Multiple Verification Methods for Security Professionals

- Compound verification methods
- MIFARE 1 /DESFire card options
- Outdoor models with IP65 / IK10 rating
- Optional touch keypad

Card Reader

Model	DS-K1104M/MK	DS-K1108AM/DS-K1108AMK	DS-K1108AD/DS-K1108ADK
Image	 K1100 Series Card Reader		 K1100 Series Card Reader
Reading Frequency	13.56 MHz	13.56MHz	13.56MHz
Reading Range	≤50 mm (≤1.97")	MIFARE 1 Card: ≤50 mm (≤1.97")	DESFire Card: ≤30 mm (≤1.18")
Shell Material	PC & Zinc-Alloy	PC+ABS	PC+ABS
Communication Mode	RS485/Wiegand	RS485/Wiegand	RS485/Wiegand
ID Settings	Via DIP Switch	Via DIP Switch	Via DIP Switch
Audio Alert	Beeper	Beeper	Beeper
Power	12 VDC	12 VDC	12 VDC
Power Consumption	≤2 W	≤2 W	≤2 W
LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator
Operating Temperature	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)
Operating Humidity	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)
Protection Level	IP 65 IK10	IP 65	IP 65
Dimensions (L×W×H)	118 mm × 70 mm × 23 mm (4.65"× 2.99" × 0.91")	123 mm × 88 mm × 21 mm (4.53"× 3.46" × 0.83")	123 mm × 88 mm × 21 mm (4.53"× 3.46" × 0.83")
Installing Method	Applied for 86 & 120 Gang Box	Wall Mounting with Screws; Applied for 86/120 Gang Box	Wall Mounting with Screws; Applied for 86/120 Gang Box

CARD / FINGERPRINT / FACE ENROLLER

Efficient Credential Enrollment Devices

- Supports MIFARE 1 and EM card enrollment
- Supports fingerprint and face enrollment
- Supports touch screen (DS-K1F600 series)

Card Enroller

Model	DS-K1F100-D8E
Image	 Card Enroller
Card Reading Frequency	13.56MHz and 125KHz
Card Type	Standard IC Card and ID (EM) Card
Protocol	ISO 14443 Type A/B Standard and ISO 7816 Standard
Interface	USB 2.0; Driver Free
LED Light	LED Indicator: Indicates Power and the Communication Status
Working Temperature	-20°C to +65°C (4° F to 149° F)
Working Current	5 VDC, 200 mA
Dimensions (L×W×H)	117 mm × 67.5 mm × 14.3 mm (4.6'' × 2.66'' × 0.56'')
System	Windows XP, Windows 7, Windows 8 and Windows 10

Multi-Biometric Enroller

Model	DS-K1F600U-D6E-F
Image	 Face, Fingerprint, Card Enroller
LCD Screen	3.97-inch touch screen, Resolution: 800*480
Camera	2 MP dual-lens camera, with IR supplement light, WDR
Communication Mode	TCP/IP, Wi-Fi, USB
Card type	EM card,Mifare 1 card,DESfire card,Felica card
Fingerprint	Support
Offline Picture storage	2000
Interface	USB, Type C USB
Working Temperature	-10°C to +50°C (14°F to 122°F)
Working Humidity	10% to 90%
Working Current	12 V, 1.25 A
Dimensions (L×W×H)	121.6 mm × 137.9 mm × 125 mm (4.8" × 5.4" × 4.9")
System	Windows XP, Windows 7, and Windows 10

ACCESS CONTROL SECURE MODULE

Securing Every Usage

- Communicates with access control terminal via RS-485 to execute commands from the terminal
- Control door opening / closing, stay open or stay closed
- Collects door magnetic signal, exit button signal, and tamper-proof signal to send to access control terminal
- Supports tampering alarm
- Supports showing communication status using RS-485 communication indicators

Access Control Secure Module

Model	DS-K2M061
Image	 Secure Door Control Unit
Communication Interface	RS-485
Input / Output Interface	Exit Button x 1, Lock x 1, Door Magnetic x 1, Alarm Input x 2, Alarm Out x 1, RS485 x 1 and Wiegand x 1
Indicator	1 Indicators for power supply
Power Supply	Support
Working Temperature	12 VDC
Working Humidity	-40 °C to 70 °C(-32°F to 146°F)
Dimensions	10% to 90% (Non Condensing)
Installing Method	48 mm × 115 mm × 26 mm (1.89" × 4.53" × 1.0")

Exit button

Model	DS-K7P03
Image	 Exit Button
Output Contact	NO / NC / COM Contact
Structure	Stainless Steel Panel
Current Rating	1A @ 30 VDC, 0.5A @ 125 VAC
Suitable Doors	All Kinds of Narrow Doorframes
Working Humidity	0 to 95% (relative humidity)
Working Temperature	-20°C to +50°C (-4°F to 122°F)
Dimensions (L×W×H)	86 mm × 86 mm × 25.7 mm (3.39" × 3.39" × 1.01")
Weight	0.15 kg (0.33 lb)

Card

Model	DS-K7M102-M	DS-K7M106-D0E
Image	 IC Card	Desfire Card (encrypted)
Standard	ISO/IEC 14443	ISO14443A Type A
Sensing Frequency	13.56 MHz	13.56 MHz
Data Format	-	-
Memory Capacity	-	-
Function	Read and Write	Read and Write
Data Transmission Speed	106 Kbps	-
Sensing Distance	≤4 cm	≤10 cm
Data Integrity Protection	-	-
EEPROM	1K Byte (16 zones, 4 sections per zone, 16 bytes per section) 10 years data storage ≥100,000 writing times	4K Byte 5 years data storage ≥100,000 writing times
Temperature	-10° C to 50° C (14° F to 122° F)	-20°C ~ +70°C (-4° F to 158° F)
Material	PVC, AB glue	PVC
Color	White and Red	White
Dimension	26 mm × 50 mm × 4 mm (1.02" × 1.97" × 0.16")	85.5 mm × 54 mm × 0.9 mm (3.37" × 2.13" × 0.04")

Rain Shield

Model	DS-KAB671-S
Image	 for DS-K1T671 Face Recognition Terminal
Material	PC
Weight	172g (0.4 lb)
Dimension	135 mm × 250 mm × 80 mm (5.3" × 9.8" × 3.1")