DS-KAS541
Face Recognition Terminal Kit

The DS-KAS541 face recognition terminal kit provides a touch-free single-door access control solution, contains DS-K1T341CMF face recognition terminal, DS-K4H258S single-door magnetic lock, DS-K4H258-LZ single-door magnetic lock bracket, DS-K7P03 touch free button, and FM11RF08-M1 cards.

DS-K1T341CMF Face Recognition Terminal

- Face mask wearing alert: If the recognizing face does not wear a mask, the device will prompt a voice reminder. At the same time, the authentication or attendance is valid
- Forced mask wearing alert: If the recognizing face does not wear a mask, the device will prompt a voice reminder. At the same time, the authentication or attendance will be failed
- 4.3-inch touch screen with 720p resolution
- Face anti-spoofing
- Face recognition distance: 0.3 m to 1.5 m
- Deep learning algorithm
- 1500 face capacity, 1,500 card capacity, 1,500 fingerprint capacity (should be supported by device model) and 150,000 event capacity
- Face recognition duration $<$ 0.2 s/User; face recognition accuracy rate ≥ 99%
- Capture linkage and captured pictures storage
- Transmits card and user data from or to the client software via TCP/IP protocol and saves the data on the client software
- Imports pictures from the USB flash drive to the device or export pictures, events, from the device to the USB flash drive
- Stand-alone operation
- Manage, search and set device data after logging in the device locally
- Connects to one external card reader via RS-485 protocol
- Connects to secure door control unit via RS-485 protocol to avoid the door opening when the terminal is destroyed
- Connects to external access controller or Wiegand card reader via Wiegand protocol
- Two-way audio with indoor station and master station
- Supports 6 attendance status, including check in, check out, break in, break out, overtime in, overtime out
- Supports multiple languages: English, Spanish, Arabic, Thai, Indonesian, Russian, Vietnamese, Portuguese (Brazil), and Korean.

- Configuration via the web client
- Remotely opens door and starts live view via Hik-Connect
- Supports ISAPI and ISUP 5.0 protocols

  * Biometric recognition products are not 100% applicable to anti-spoofing environments. If you require a higher security level, use multiple authentication modes.

DS-K4H258S Magnetic Lock

- The magnetic lock supports static linear thrust of 280 kg (600 Lbs)
- Default voltage is 12 VDC
- It is equipped with internal voltage dependent resistor (MOV)
- It is applied to wooden door, glass door, metal door and fireproof door
- LED indicator displays the status of door lock
- Anti-residual magnetism design
- Abrasion-proof materials
- The shell is made up of aldural and is hard anodizing electroplated
- No mechanical failure, and the magnetic lock works by electromagnetism force

DS-K4H258-LZ Accessary of Magnetic Lock

- Adopts aldural material
- Hard anodizing electroplating operated
- L-bracket is used for fixing the lock body;
- Z-bracket is used for fixing the armature plate
- Suitable for wooden door, and metal door

DS-K7P03 Exit Button

- Dimension (L × W × H): 86 mm × 86 mm × 25.7 mm (3.39" × 3.39" × 1.01")
- Input Voltage: 12 VDC
- Working Current: 40 mA (standby), 70 mA (working)
- Current Rating: 1 A@30 VDC
- Output Contact: NO/NC/COM contact
- Panel: Stainless steel
- Aging Test: Already passed 1 million times aging test
- Suitable Doors: All kinds of narrow doorframes
- Working Temperature: -20 °C to 50 °C (-4 °F to 122 °F)
- Working Humidity: 0 to 95% (relative humidity)
- Detection Range (Adjustable): 40 mm to 120 mm (1.57 to 4.72")
- Time Delay: 1 to 25 s (adjustable)
- LED Indicator Status: Green/red LED indicates working/standby
- Product Weight: 0.2 kg (0.44 lb)

FM11RF08-M1 Card

- M1 contactless smart card, Frequency: 13.56MHz

▪ **Specification**

Face Recognition Terminal	
System	
Model	DS-K1T341CMF
Operating system	Linux
Display	
Screen size	4.3-inch
Operation method	Capacitive touch screen
Type	LCD
Resolution	480 × 800
Video	
Lens	× 2
Resolution	2 MP
Network	
Wired network	10 M/100 M/1000 M self-adaptive
Interface	
Network interface	1
Lock control	1
Exit button	1
Door contact input	1
TAMPER	1
RS-485	1
Wiegand	1
USB	1
Capacity	
Face capacity	1,500
Fingerprint capacity	1,500
Authentication	
Face recognition distance	0.3 to 1.5 m
Face recognition accuracy rate	＞99%
Face recognition duration	＜ 0.2 s
Fingerprint recognition duration	＜ 1 s
Card type	M1 card
Card reading frequency	13.56MHz
Card reading duration	＜ 1 s
Function	
QR code recognition	Support
Face anti-spoofing	Support
Audio prompt	Support
Time synchronization	Support
General	
Button	Touch screen

Power supply	12 VDC, 2 A.
Working temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Working humidity	0 to 90% (No condensing)
Protective level	IP65
Dimensions	172.5 mm × 83.2 mm × 22.7 mm (6.79" × 3.27" × 0.89")
Installation	Surface mounting

Magnetic Lock	
Model	DS-K4H258S
Unlock method	Current interruption
Maximum holding force	280 kg (617.4 Lbs) linear thrust
Power supply	12 VDC, 340 mA
Indicator	Green (work status)
Surface temperature	≤ ambient temperature 20 °C (68 °F)
Working temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working humidity	0 to 95% (relative humidity)
Dimensions	Lock body: 238 mm × 45 mm × 25 mm (9.4" × 1.8" × 1.0") Armature plate: 182 mm × 38 mm × 12.5 mm (7.2" × 1.5" × 0.5")
Weight	2.1 kg (4.6 Lbs)
Suitable door	Wooden door, glass door, metal door, fireproof door
Shell performance	Hard anodizing electroplating operated
Lock body	Eco-friendly Nickel electroplating operated
Armature plate	Eco-friendly Nickel electroplating operated

Bracket of Magnetic Lock	
Dimensions	L-bracket: 238 mm ×30 mm × 47 mm (9.4" × 1.2" × 1.9") Z-bracket: 185 mm ×44mm × 100 mm (7.3" ×1.7" × 3.9")
Model	DS-K4H258-LZ
Suitable Door	Wooden, metal
Shell performance	Hard anodizing electroplated
Weight	0.77 kg (1.7 lb)

Exit Button	
Model	DS-K7P03
Power supply	12 VDC, 40 mA (standby)/70 mA (working)
Current rating	1 A@30 VDC
Working temperature	-20 °C to 50 °C (-4 °F to 122 °F)
Working humidity	0 to 95% (relative humidity)
Dimensions	86 mm × 86 mm × 25.7 mm (3.39" × 3.39" × 1.01")
Weight	0.2 kg (0.44 lb)
Material	Stainless steel
Output contact	NO/NC/COM contact
Aging test	Already passed 1 million times aging test

Suitable door	All kinds of narrow doorframes

Card	
Model	FM11RF08-M1
RAM	1 K byte
Card reading frequency	13.56 MHz
Card property	Thin card
Function	Read/write
Card reading distance	≤10 cm
Working temperature	-20 °C to 75 °C (-4 °F to 167 °F)
Dimensions	85.5 mm × 54 mm × 0.8 mm (3.37"× 2.13" × 0.03")
Weight	＜ 5.6 g (0.2 oz)
Material	PVC
Color	White

Exposing the equipment to direct sun light, low ventilation or heat source such as heater or radiator is forbidden (ignorance can cause fire danger).

▪ Available Model

DS-KAS541