

DS-KAS808

Fingerprint Access Control Terminal Kit



The DS-KAS808 fingerprint recognition terminal kit provides a touch-free single-door access control solution, contains DS-K1T342MFWX-E1*1 face recognition terminal, DS-K4H255S*1 single-door magnetic lock, DS-K4H255-LZ*1 single-door magnetic lock bracket, DS-K7P07*1 touch free button, and FM11RF08-M1*3 cards.

2.4-inch LCD screen

- Multiple authentication methods, including face, fingerprint, card (M1 card), and PIN, etc.
- Max. 3000 cards, 3000 fingerprints and 100,000 events
- Supports ISAPI and ISUP 5.0 protocols
- Configuration via the PC web client and mobile web client
- Supports wired network and Wi-Fi (AP mode)
- Supports wiring with secure door control unit or card reader via RS-485
- Supports access control and local time and attendance function

DS-K4H255S Single-Door Magnetic Lock

- Magnetic lock supports up to 272 kg (600 Lbs) of thrust
- Power supply can be 12 VDC or 24 VDC, (default voltage is 12 VDC)
- Suitable for wooden door, glass door, metal door
- High strength material, anodized aluminum housing
- Magnetic lock, completely using electromagnetic suction work
- Abrasion-proof materials

DS-K4H255-LZ Single-Door Magnetic Lock Bracket

- Bracket for DS-K4H255S
- L bracket is used for fixed lock body
- Z bracket is used for suction plate fixed, is equipped with antiskid and structure adjustment

DS-K7P07 Exit Button

- Touchless exit button
- Stainless steel panel
- LED indicator status: Green/blue LED indicates working/standby
- Dimension(L×W×H): 115×70×16mm (4.53"×2.76"×0.63")

▪ Specification

Access Control Terminal System	
CPU	900 MHz
Flash	4 GB
RAM	256 MB
Operating system	Linux
Screen parameters	
Screen size	2.4 inch
Type	LCD
Resolution	320 × 240
Audio	
Audio output	Built-in buzzer
General	
Supplement light	White light
Power supply	12 VDC
Power consumption	≤ 6 W
Working temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working humidity	0 to 90% (No condensing)
Protective level	IP 65
Dimensions	172 mm × 76 mm × 27.5 mm (6.77" × 2.99" × 1.08")
Installation	Wall mounting
Weight	Net weight: 0.377 kg (0.831 lb) Rough weight: 0.562 kg (1.239 lb)
Language	English, Spanish (South America), Arabic, Thai, Indonesian, Russian, Vietnamese, Portuguese (Brazil), Korean, Japanese
Keypad	Support
Network parameters	
Network protocol	ISAPI, ISUP 5.0
Wired network	Support
Wi-Fi	Support, 2.4 G, 802.11b/g/n
Interface	
PoE	Support
Network interface	1 RJ-45, 10/100 M self-adaptive
Lock control	1
Exit button	1
Door contact input	1
TAMPER	1
RS-485	1 RS-485 (Half duplex, HIKVISION)
Wiegand	1 Wiegand(Hik 26bit,Hik 34bit)
USB	1
Capacity	
Fingerprint capacity	3000
Card capacity	3000
Event capacity	100,000

Authentication	
Fingerprint module	Optical fingerprint module
Fingerprint recognition duration	< 1 s
Fingerprint comparing mode	1:1 and 1:N
Fingerprint FAR	≤ 0.001 %
Fingerprint FRR	≤ 0.01 %
Card type	M1 card
Card reading duration	< 1 s
Magnetic Lock	
Model	DS-K4H255S
Unlock method	Current interruption
Maximum holding force	Max. 272 kg (600 Lbs)
Working temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working humidity	0 to 95 % (relative humidity)
Dimensions	Lock Body: 250 mm × 28 mm × 48 mm (9.8" × 1.1" × 1.9") Armature Plate: 180 mm × 38 mm × 12 mm (7.1" × 1.5" × 0.5")
Weight	1.9 kg (4.2 lb)
Suitable door	Glass door, wooden door, and metal door
Shell performance	Hard Anodizing Electroplating Operated
Lock body	Eco-friendly Zinc Electroplating Operated
Armature plate	Eco-friendly Zinc Electroplating Operated
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)
Bracket of Magnetic Lock	
Dimensions	L-bracket: 250 mm × 46 mm × 30 mm (9.8" × 1.8" × 1.2") Z-bracket: 180 mm × 47 mm × 47 mm (7.1" × 1.9" × 1.9")
Model	DS-K4H255-LZ
Suitable Door	Wooden Door, Glass Door, Metal Door
Shell performance	High strength aluminum alloy surface sandblasting oxidation
Weight	0.5 kg (1.1 lb)
Exit Button	
Model	DS-K7P07
Working temperature	-20 °C to 55 °C (-4 °F to 131 °F)
Working humidity	0 to 95% (relative humidity)
Dimensions	115 mm × 70 mm × 16 mm (4.53" × 2.76" × 0.63")
Weight	0.13 kg (0.27 lb)
Material	Panel: stainless steel
Output contact	NO/NC/COM contact
Suitable door	Hollow door frame (concealed installation)

▪ **Available Model**

DS-KAS808

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