

**DS-KAS807****Fingerprint Access Control Terminal Kit**

The DS-K1T807MBFWX-QRE1 face 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 fingerprint, card (M1 card), and PIN, etc.
- Max. 5000 cards, 5000 fingerprints and 150,000 events
- Supports ISAPI and ISUP 5.0 protocols
- Configuration via web client
- Supports wired network and Wi-Fi (AP mode)
- Supports wiring with secure door control unit or card reader via RS-485
- Supports powered by 12 VDC or PoE and supports powering for device and door lock

**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(LxWxH): 115x70x16mm (4.53"x2.76"x0.63")

## ▪ Specification

Access Control Terminal System	
CPU	640 MHz
Flash	64MB
RAM	64MB
Operating system	Linux
Screen parameters	
Screen size	2.4 inch
Type	LCD
Resolution	320 × 240
Audio	
Audio output	Support
General	
Power supply	12 VDC Supports power supply by battery in the bracket
Power consumption	≤ 6 W
Working temperature	-30 °C to 60 °C (-22 °F to 140 °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 American), Arabic, Thai, Indonesian, Russian, Vietnamese, Portuguese(Brazil), Turkish, Ukrainian, Italian, French
Keypad	Support
Network parameters	
Network protocol	ISAPI, ISUP 5.0
Bluetooth	Support
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
Alarm input	2
Alarm output	1
TAMPER	1
RS-485	1 RS-485 (Half duplex, HIKVISION)
Wiegand	1 Wiegand (W26, W34)
USB	1
Capacity	
Fingerprint capacity	5000

Card capacity	5000
Event capacity	150,000
<b>Authentication</b>	
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 distance	0 to 5 cm
Card reading duration	< 1 s
<b>Magnetic Lock</b>	
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
<b>Card</b>	
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)
<b>Bracket of Magnetic Lock</b>	
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)
<b>Exit Button</b>	
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-KAS807

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