

## DS-KAS321

### Face Recognition Terminal Kit



The DS-KAS321 face recognition terminal kit provides a touch-free single-door access control solution, contains DS-K1T321MFWX face recognition terminal, DS-K4H255S single-door magnetic lock, DS-K4H255-LZ single-door magnetic lock bracket, DS-K7P07 touch free button, and FM11RF08-M1 cards.

#### DS-K1T321MFWX Face Recognition Terminal

- 2.4-inch LCD screen, 2 MP lens
- Multiple authentication methods, including face, fingerprint, card (M1 card), and PIN, etc.
- Max. 500 faces, 3000 cards, 3000 fingerprints and 150,000 events
- Face recognition duration < 0.2 s/User
- 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

#### 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" )

\*For detailed key features, see the specific device's datasheet.

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### ▪ Specification

<b>Face Recognition Terminal</b>	
<b>System parameters</b>	
Model	DS-K1T321MFWX
Operating system	Linux
<b>Display parameters</b>	
Screen size	2.4-inch
Type	LCD
Resolution	320 × 240
<b>Video parameters</b>	
Lens	× 1
Resolution	2 MP (video stream: 720 P)
Video standard	PAL (Default) and NTSC
<b>Network</b>	
Wired network	10/100 M self-adaptive
Wi-Fi	Support, 2.4 G, 802.11b/g/n
<b>Interface</b>	
Network interface	1 RJ-45
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
<b>Capacity</b>	
User capacity	500
Face capacity	500
Fingerprint capacity	3000
Card capacity	3000
Event capacity	150,000
<b>Authentication</b>	
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	13.56 MHz
Card reading distance	0 to 5 cm
Card reading duration	< 1 s
<b>Function</b>	
Face anti-spoofing	Support
<b>General</b>	
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)
Language	English, Spanish (South America), Arabic, Thai, Indonesian, Russian, Vietnamese, Portuguese (Brazil), Korean, Japanese
<b>Magnetic Lock</b>	
Unlock method	Current interruption
Model	DS-K4H255S
Maximum holding force	Max. 272 kg (600 Lbs)
Power supply	12 VDC to 24 VDC, 470 mA to 235 mA
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>	
RAM	1 K byte
Model	FM11RF08-M1
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)

Exit Button	
Model	DS-K7P07
Power supply	12 VDC to 24 VDC
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-KAS321

**Headquarters**

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
www.hikvision.com



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