

## DS-KAS342 Face Recognition Terminal Kit



The DS-KAS342 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.

### DS-K1T342MFWX-E1 Face Recognition Terminal

- Max.1500 faces capacity, Max.3000 fingerprints capacity, and Max.3000 cards
- Face Recognition Terminal, 4.3-inch LCD touch screen, 2 Mega pixel wide-angle lens, built-in M1card reading module
- Two-way audio with client software, indoor station, and main station; Supports TCP/IP, Wi-Fi
- Supports ISAPI, ISUP5.0
- Configuration via the web client
- Face Recognition Distance: 0.3 m to 1.5 m; Duration < 0.2 s/User; Accuracy rate ≥ 99%
- Supports face with mask recognition
- Powers supply by standard PoE and at the same time powers supply for door lock (12 VDC/1 A)

### 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

<b>Face Recognition Terminal</b>	
Model	DS-K1T342MFWX-E1
Operating system	Linux
<b>Face Recognition Terminal</b>	
PoE	IEEE802.3at, standard PoE
<b>Face Recognition Terminal</b>	
Screen size	4.3-inch
Operation method	Touchable
Type	LCD
Resolution	272 × 480
<b>Face Recognition Terminal</b>	
Lens	× 2
Resolution	2 MP (video stream: 720 P)
Video standard	PAL (Default) and NTSC
Wide Dynamic Range (WDR)	Support
<b>Face Recognition Terminal</b>	
Audio compression standard	G.711U
Audio compression bitrate	64 Kbps
<b>Face Recognition Terminal</b>	
Wired network	10/100 M self-adaptive
Wi-Fi	Support
<b>Face Recognition Terminal</b>	
Network interface	1
Lock control	1
Exit button	1
Door contact input	1
TAMPER	1
RS-485	1
Wiegand	1
USB	1
<b>Face Recognition Terminal</b>	
User capacity	1,500
Face capacity	1,500
Fingerprint capacity	3,000
Card capacity	3,000
Event capacity	150,000
<b>Face Recognition Terminal</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 (Normal Card); 0 to 3 cm (Card with Different Shapes)
Card reading duration	< 1 s
<b>Face Recognition Terminal</b>	
Two-way audio	Support
M1 card encryption	Support
Face anti-spoofing	Support
First person in	Support
Audio prompt	Support
Time synchronization	Support
<b>Face Recognition Terminal</b>	
Supplement light	IR light
Button	Touch Screen
Power supply	Power input: Power interface (power adapter included, 12 VDC/1 A) or PoE (37 to 57 VDC/0.6 A) Power output: Power supply for door lock, 12 VDC/1 A (only when the device is powered by PoE supporting powering supply for door lock)
Working temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Working humidity	0 to 90% (No condensing)
Protective level	IP65
Dimensions	91.3 mm × 181.3 mm × 24.5 mm (3.59" × 7.14" × 0.96")
Installation	Wall Mounting
Weight	Gross weight: 0.93 kg (2.05 lbs) Net weight: 0.36 kg (0.79 lbs)
Language	English, Spanish (South America), Arabic, Thai, Indonesian, Russian, Vietnamese, Portuguese (Brazil), Korean
<b>Magnetic Lock</b>	
Unlock method	Current interruption
Model	DS-K4H255S
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-KAS342

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