

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

Face Recognition Terminal	
Model	DS-K1T342MFWX-E1
Operating system	Linux
Face Recognition Terminal	
PoE	IEEE802.3at, standard PoE
Face Recognition Terminal	
Screen size	4.3-inch
Operation method	Touchable
Type	LCD
Resolution	272 × 480
Face Recognition Terminal	
Lens	× 2
Resolution	2 MP (video stream: 720 P)
Video standard	PAL (Default) and NTSC
Wide Dynamic Range (WDR)	Support
Face Recognition Terminal	
Audio compression standard	G.711U
Audio compression bitrate	64 Kbps
Face Recognition Terminal	
Wired network	10/100 M self-adaptive
Wi-Fi	Support
Face Recognition Terminal	
Network interface	1
Lock control	1
Exit button	1
Door contact input	1
TAMPER	1
RS-485	1
Wiegand	1
USB	1
Face Recognition Terminal	
User capacity	1,500
Face capacity	1,500
Fingerprint capacity	3,000
Card capacity	3,000
Event capacity	150,000
Face Recognition Terminal	
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
Face Recognition Terminal	
Two-way audio	Support
M1 card encryption	Support
Face anti-spoofing	Support
First person in	Support
Audio prompt	Support
Time synchronization	Support
Face Recognition Terminal	
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
Magnetic Lock	
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
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-KAS342

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