

DS-K1T342MFWX-E1 Face Recognition Terminal



Face recognition terminal adopts deep learning algorithm, which helps to recognize the face faster with higher accuracy. It also supports multiple authentication modes: face/card/fingerprint authentication, etc. It can be applied in multiple scenarios, such as buildings, enterprises, financial industries, and other important areas.

- 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 M1 card 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)
- Supports platform-applied personal PIN and device-set personal PIN



Specification

Operation system Linux Display Display Dimensions 4.3-inch Resolution 272 × 480 Type LCD Operation method Capacitive touch screen Video Video Pixel 2 MP Lens × 2 Video standard PAL (Default) and NTSC Network Wirel Wirel network 10 M/100 M self-adaptive Wi-Fi Support Interface PoE PoE IEEE802.3at, standard PoE Network interface 1 Lock output 1 Exit button 1 Door contact input 1 TAMPER 1 USB 1 Capa	System	
Dimensions 4.3-inch Resolution 272 × 480 Type LCD Operation method Capacitive touch screen Video Pixel 2 MP Lens × 2 Video standard PAL (Default) and NTSC Network Wired network 10 M/100 M self-adaptive Wi-Fi Support Interface POE IEEE802.3at, standard POE Network interface 1 RS-485 1 Wiegand 1 Lock output 1 Exit button 1 Door contact input 1 TAMPER 1 USB 1 Capacity Card capacity 3,000 Face capacity 1,500 Fingerprint capacity 3,000 Face capacity 1,500 Fingerprint capacity 3,000 Authentication Card type M1 card Card reading frequency 13.56 MHz Face recognition duration 4 c 1 s Face recognition distance Fingerprint recognition duration Face recognition distance Fingerprint recognition duration Fower sunnly Power input: Power interface (power adapter included, 12 VDC/1 A) or POE (37 to 57 VDC/0.6 A)	Operation system	Linux
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Video standard Network Wired network Wi-Fi Support Interface POE Network interface POE RS-485 1 Wiegand Lock output Exit button Door contact input TAMPER 1 USB 1 Capacity Card capacity 1,500 Fingerprint capacity 1,500 Finderprint capacity Lock output 2 isono Authentication Card type Card reading frequency Face recognition duration Face recognition duration Face recognition duration Face recognition duration Cancel Fingerprint recognition duration Fower supply Power supply Power input: Power interface (power adapter included, 12 VDC/1 A) or POE (37 to 57 VDC/0.6 A) Power supply	Pixel	2 MP
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USB 1 Capacity Card capacity 3,000 Face capacity 1,500 Fingerprint capacity 150,000 Authentication Card type M1 card Card reading frequency 13.56 MHz Face recognition duration < 0.2 s Face recognition accuracy rate > 99% Face recognition distance 0.3 to 1.5 m Fingerprint recognition duration <1 s General Power input: Power interface (power adapter included, 12 VDC/1 A) or PoE (37 to 57 VDC/0.6 A)	Door contact input	1
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Event capacity 150,000 Authentication Card type M1 card Card reading frequency 13.56 MHz Face recognition duration < 0.2 s Face recognition accuracy rate > 99% Face recognition distance 0.3 to 1.5 m Fingerprint recognition duration < 1 s General Power input: Power interface (power adapter included, 12 VDC/1 A) or PoE (37 to 57 VDC/0.6 A)	Face capacity	1,500
Authentication Card type M1 card Card reading frequency 13.56 MHz Face recognition duration < 0.2 s Face recognition accuracy rate > 99% Face recognition distance 0.3 to 1.5 m Fingerprint recognition duration <1 s General Power input: Power interface (power adapter included, 12 VDC/1 A) or PoE (37 to 57 VDC/0.6 A)	Fingerprint capacity	3,000
Card type M1 card Card reading frequency 13.56 MHz Face recognition duration < 0.2 s Face recognition accuracy rate > 99% Face recognition distance 0.3 to 1.5 m Fingerprint recognition duration <1 s General Power input: Power interface (power adapter included, 12 VDC/1 A) or PoE (37 to 57 VDC/0.6 A)	Event capacity	150,000
Card reading frequency Face recognition duration Face recognition accuracy rate Solution 4	Authentication	
Face recognition duration < 0.2 s Face recognition accuracy rate > 99% Face recognition distance 0.3 to 1.5 m Fingerprint recognition duration <1 s General Power input: Power interface (power adapter included, 12 VDC/1 A) or PoE (37 to 57 VDC/0.6 A)	Card type	M1 card
Face recognition accuracy rate > 99% Face recognition distance 0.3 to 1.5 m Fingerprint recognition duration < 1 s General Power input: Power interface (power adapter included, 12 VDC/1 A) or PoE (37 to 57 VDC/0.6 A)	Card reading frequency	13.56 MHz
Face recognition distance 0.3 to 1.5 m Fingerprint recognition duration Control Power input: Power interface (power adapter included, 12 VDC/1 A) or PoE (37 to 57 VDC/0.6 A)	Face recognition duration	< 0.2 s
Fingerprint recognition duration <1 s General Power input: Power interface (power adapter included, 12 VDC/1 A) or PoE (37 to 57 VDC/0.6 A)	Face recognition accuracy rate	> 99%
General Power input: Power interface (power adapter included, 12 VDC/1 A) or PoE (37 to 57 VDC/0.6 A)	Face recognition distance	0.3 to 1.5 m
Power input: Power interface (power adapter included, 12 VDC/1 A) or PoE (37 to 57 VDC/0.6 A)	Fingerprint recognition duration	< 1 s
Power supply	General	
powered by PoE supporting powering supply for door lock)	Power supply	VDC/0.6 A) Power output: Power supply for door lock, 12 VDC/1 A (only when the device is



Working temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Working humidity	0 to 90% (No condensing)
Dimensions	91.3 mm × 181.3 mm × 24.5 mm (3.59" × 7.14" × 0.96")
Installation	Wall Mounting
Protective level	IP65
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
Function	
Face anti-spoofing	Support
Audio prompt	Support
Time synchronization	Support

Available Model

DS-K1T342MFWX-E1

Dimension





