DS-K1T501SF
Video Access Control Terminal



DS-K1T501SF is a kind of video access control terminal, which is equipped with HD camera (2 MP/1080p) and fingerprint recognition module (supporting 1:1 mode and 1:N mode). It supports multiple advanced technologies including fingerprint recognition, face detection, smart card recognition, two-way audio, remote live view, picture capture, video recording through NVR, and so on. It also supports multiple authentications including card, fingerprint, card and fingerprint, etc.

Available Models

DS-K1T501SF

* *Recommended Fingerprint Recorder Model to Use Cooperatively: DS-K1F820-F*

Features

- Brushed metal surface
- Communication via TCP/IP and Wi-Fi
- Supports EHome protocol for public network communication
- Face detection and picture capturing function implemented by built-in camera (1080P/2MP and IR light, optional)
- Built-in Micro SD card slot; Supports inserting Micro SD card (Max. 128G) and saving captured pictures and recorded videos to the memory card
- QR code authentication; Generates QR code via iVMS-4200 client software or other systems
- Two way-audio
- Opens door remotely via iVMS-4200 client software or other systems
- Max. 50,000 cards No., Max. 200,000 access control event records and Max. 5000 fingerprints storage
- Supports Mifare card reading
- Multiple authentication modes: QR code, card, fingerprint, card + fingerprint, card + password, fingerprint + password, card + fingerprint + password, and so on
- Working as a card reader, and supports Wiegand interface and RS-485 interface for accessing the controller
- RS-485 communication for connecting external card reader
- Connects the external secure door control unit via RS-485 to avoid the door opening when the terminal is destroyed
- Protection level: IP65

- Voice prompt for the results of authentication by card
- Tampering detection, unlocking overtime alarm, invalid card swiping over times alarm, duress card alarm, and so on

Specifications

Model	DS-K1T501SF
Processor	32 bit high-performance processor
Camera	2MP/1080P, IR light
Audio	Audio input: built-in micro phone (sensitivity: -25 ± 3 DB) Audio output: built-in loudspeaker (1 W)
Card capability	50,000
Record capability	200,000
Fingerprint module	Optical fingerprint recognition module
Fingerprint capability	5000
1:N fingerprint recognition speed	≤ 1.5 s
False acceptance rate (RAR)	≤ 0.001 %
False recognition rate (FRR)	≤ 0.01 %
Card reading mode	Mifare card
Induction distance	≥ 2 cm
Communication mode	Terminal mode: TCP/IP and RS-485 Card reader mode: Wiegand (26/34) and RS-485
Input interface	Doorbell Button × 1, Door Contact × 1, Alarm Input × 2, Tamper Alarm × 1, Exit Button × 1
Output interface	Lock Relay × 1, Alarm Output (Doorbell) × 1
Video storage	Record and save video through NVR or Micro SD card
Micro SD card	Max. 128 G
Protection level	IP65
Power supply	12 VDC/1 A
Working current	Max. 600 mA
Working temperature	-40 °C to 70 °C (-40 °F to 158 °F)
Working humidity	10% to 90% (No condensing)
Mounting	Wall mounting
Dimension	218 mm × 78 mm × 41 mm (8.58" × 3.07" × 1.61")

* *Exposing the equipment to direct sun light, low ventilation or heat source such as heater or radiator is forbidden (ignorance can cause fire danger).*

* *For device with fingerprint module, we suggest that do not install the device outdoors.*

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