

DS-K1T500 Series

Video Access Control Terminal

DS-K1T500 series 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), 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.



AVAILABLE MODELS

DS-K1T500S (M1 Card Only)

DS-K1T500SF (M1 Card and Fingerprint)

MAIN FEATURES

- Brushed metal face plate
- Face detection and picture capturing function implemented by built-in camera (2 MP optional)
- Supports two way-audio
- Supports TCP/IP, Wi-Fi communication, and EHome protocol
- Supports Mifare card reading
- Max. 50,000 cards No., Max. 200,000 access control events records, and Max.3000 fingerprints storage(Only supported by DS-K1T500SF)
- Working as a card reader, and supports Wiegand interface and RS-485 interface for accessing the controller
- Multiple authentication modes including card, fingerprint, card + fingerprint, card + password, fingerprint + password, card + fingerprint + password, and so on.(The fingerprint authentication mode is only supported by DS-K1T500SF)
- RS-485 communication for connecting external card reader
- Supports secure door control unit connection
- 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
- Saving image and video in SD card.
- QR code authentication
- Recording fingerprint remotely
- Protection level: IP65

SPECIFICATION

| Model | DS-K1T500S | DS-K1T500SF |
|----------------------------|--|--|
| Processor | 32 Bit High-performance Processor | |
| Camera | 2MP/1080P, IR Light | |
| Audio | Audio Input: Build-in Micro Phone(Sensitivity: -25±3DB) Audio Output: Build-in Loudspeaker(1W) | |
| Card Capability | 50,000 | |
| Record Capability | 200,000 | |
| Micro SD Card (Additional) | Max. 32G, Built-in Micro SD Card | |
| Fingerprint Capability | / | 3000 |
| Authentication Speed | / | ≤ 1s |
| FAR | / | ≤ 0.001 % |
| FRR | / | ≤ 0.01 % |
| Fingerprint Scanner | / | Optical Fingerprint Recognition Module |
| Card Reading Mode | Mifare Card | |
| Card Reading Distance | ≤ 5 cm | |
| Communication Mode | Terminal Mode: Uplink(TCP/IP), Downlink(RS485) Card Reader Mode: Uplink (Wiegand 26/34, RS-485) | |
| Input Interface | Doorbell Button × 1, Door Sensor × 1, Alarm Input × 2, Tamper-Proof Switch × 1, Exit Button × 1 | |
| Output Interface | Lock × 1, Alarm Output (Doorbell) × 1 | |
| Video Storage | Record and Save Video through NVR | |
| Protection Level | IP65 | |
| Power Supply | DC 12V/1A | |
| Operating Current | 600mA (max) | |
| Working Temperature | -40°C to 60°C (-40° F to 140° F) | |
| Working Humidity | 10% to 90% (No Condensing) | |
| Faceplate material | Brushed Metal | |
| Mounting | Surface Mounting, Metal Door Mounting | |
| Dimension | 218mm × 78mm × 41mm (8.58" × 3.07" × 1.61") | |