

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")	