HIKVISION

DS-K1T201 Series

IP-based Fingerprint Access Control Terminal

DS-K1T201 series are optical IP-based fingerprint access control terminal with multiple advanced technologies including fingerprint recognition, face detection, Wi-Fi, smart card recognition, LCD display screen, and picture capturing technology. It is designed with a 2.8-inch LCD display screen, and HD camera (2 MP optional). It is equipped with optical fingerprint recognition module (supporting 1:1 mode and 1:N mode), and supports offline operation.

AVAILABLE MODELS

DS-K1T201EF
DS-K1T201EF-C (with Camera)
DS-K1T201MF
DS-K1T201MF-C (with Camera)
Recommended Fingerprint Recorder Model to Use Cooperatively: DS-K1F820-F

MAIN FEATURES

- Supports Local activation
- IP addresses conflicted alarm
- M1 card encryption
- Supports communicating with 4 software clients simultaneously; Supports uploading real-time events
- Gets offline events: Avoids events losing
- Doorbell ringtone settings function
- Touch mode and blue light display technique for keypad
- Stand-alone settings for the terminal
- 2.8-inch LCD display screen to display the time, the date, etc.
- Max. 100,000 cards No., Max. 300,000 access control event records and Max. 5000 fingerprints storage

- Communication via wired network (TCP/TP) and Wi-Fi
- Supports EHome protocol for public network communication
- Face detection and picture capturing function implemented by built-in camera (2 MP optional, only supported by DS-K1T201EF/MF-C)
- Adopts the optical fingerprint module, supporting 1:N mode (fingerprint, card + fingerprint) and 1:1 mode (card + fingerprint)
- Supports multiple authentication modes (card, fingerprint, card + fingerprint, card + password, fingerprint + password, card + fingerprint + password, and so on)
- Supports RS-485 and Wiegand (26/34) communication for connecting external card reader
- Applies authentications from the client to the device or uploading the captured pictures from the device to the client (only supported by DS-K1T201EF/MF-C)
- Supports working as a card reader, and supports Wiegand interface and RS-485 interface for accessing the controller
- Supports EM card reading (supported by DS-K1T201EF/EF-C)
- Supports Mifare card reading (supported by DS-K1T201MF/MF-C)
- Tampering detection, unlocking overtime alarm, invalid card swiping over times alarm, blocklist alarm, forced opening door alarm, IP addresses conflicted alarm, and duress card alarm and so on
- Creates dismiss code for dismiss alarm
- Accurate data and time display provided by built-in electronic clock and watchdog program to ensure the basic function of the terminal
- Data can be permanently saved after power-off.

SPECIFICATIONS

Model Parameters	DS-K1T201EF	DS-K1T201MF	DS-K1T201EF-C	DS-K1T201MF-C
Processor	32 Bit High-performance Processor			
Storage	256M Storage			
Operation System	Linux			
Camera	2 MP (Optional)			
Card Capability	100,000 Cards and 300,000 Swiping Card Records			
Fingerprint Capacity	Max. 5000 Fingerprints; Up to 10 Local Collected Fingerprint Templates for Each Person			
Fingerprint Recognition Speed	1:1≤1s, 1:3000≤1.5s			
FAR (False Acceptance Rate)	≤0.001%			
FRR (False Recognition Rate)	≤0.01%			
Fingerprint Module	Optical Fingerprint Recognizer Module			
Card Reading Mode	EM Card Reading	Mifare Card Reading	EM Card Reading	Mifare Card Reading
Communication Mode	TCP/IP and Wi-Fi			
Input Interface	Doorbell × 1, Tamper Alarm × 1, Exit Button × 1, Door Magnetic Sensor × 1, Alarm Input × 2			
Output Interface	Lock Relay × 1, Alarm Output × 1			
USB Interface	USB 2.0			
LCD Screen	320 × 240 (pixel) LCD-TFT Display Screen			
Key Board	17 Keys			
LED Indicator	Power/ Communication			
Prompt	Beeper and Audio			
Power Supply	12 VDC/3 A			
Working Current	Max. 500 mA			
Working Temperature	-30°C to 65°C (-22°F to 149°F)			
Working Humidity	10% to 90% (No Condensing)			
Dimension	137mm × 142mm × 35mm (5.4" × 5.6" × 1.4")			
Weight	400g (0.88lb)			