

## 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: $-25 \pm 3$ DB)<br>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 | $\leq 1.5$ s   |
| False acceptance rate (RAR)       | $\leq 0.001$ %   |
| False recognition rate (FRR)      | $\leq 0.01$ %  |
| Card reading mode                 | Mifare card  |
| Induction distance                | $\geq 2$ cm  |
| Communication mode                | Terminal mode: TCP/IP and RS-485<br>Card reader mode: Wiegand (26/34) and RS-485   |
| Input interface                   | Doorbell Button $\times 1$ , Door Contact $\times 1$ , Alarm Input $\times 2$ , Tamper Alarm $\times 1$ , Exit Button $\times 1$ |
| Output interface                  | Lock Relay $\times 1$ , Alarm Output (Doorbell) $\times 1$   |
| 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 $\times$ 78 mm $\times$ 41 mm (8.58" $\times$ 3.07" $\times$ 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.

Distributed by

**HIKVISION®****Headquarters**

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Australia**  
T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision India**  
T +91-22-28469900  
sales@pramahikvision.com

**Hikvision Canada**  
T +1-866-200-6690  
sales.canada@hikvision.com

**Hikvision Thailand**  
T +662-275-9949  
sales.thailand@hikvision.com

**Hikvision Europe**  
T +31-23-5542770  
sales.eu@hikvision.com

**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com

**Hikvision Brazil**  
T +55 11 3318-0050  
Latam.support@hikvision.com

**Hikvision Turkey**  
T +90 (216)521 7070- 7074  
sales.tr@hikvision.com

**Hikvision Malaysia**  
T +601-7652-2413  
sales.my@hikvision.com

**Hikvision UK & Ireland**  
T +01628-902140  
sales.uk@hikvision.com

**Hikvision South Africa**  
Tel: +27 (10) 0351172  
sale.africa@hikvision.com

**Hikvision France**  
T +33(0)1-85-330-450  
info.fr@hikvision.com

**Hikvision Kazakhstan**  
T +7-727-9730667  
nikia.panfilov@hikvision.ru

**Hikvision Vietnam**  
T +84-974270888  
sales.vt@hikvision.com

**Hikvision UAE**  
T +971-4-4432090  
salesme@hikvision.com

**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Tashkent**  
T +99-87-1238-9438  
uzb@hikvision.ru

**Hikvision Hong Kong**  
T +852-2151-1761  
info.hk@hikvision.com

**Hikvision Russia**  
T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision Korea**  
T +82-(0)31-731-8817  
sales.korea@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
info.pl@hikvision.com

**Hikvision Indonesia**  
T +62-21-2933759  
Sales.Indonesia@hikvision.com

**Hikvision Colombia**  
sales.colombia@hikvision.com