

## DS-K1T201MF/MF-C

### IP-Based Fingerprint Access Control Terminal

- Standalone Terminal Settings
- 2.8-inch LCD Screen
- Touch Mode and Blue Light Display Keypad
- 2 MP Camera for Face Detection and Picture Capture
- Tampering Detection, Unlocking Overtime Alarm, Invalid Card Swiping Alarm, Duress Card Alarm



DS-K1T201MF



DS-K1T201MF-C

Hikvision's DS-K1T201MF/MF-C optical IP-based fingerprint access control terminals feature 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 optional 2 MP HD camera. It is equipped with an optical fingerprint recognition module.

Mounting is via a standard U.S. single, double, or square gang box.

#### Available Models:

DS-K1T201MF: M1 card and fingerprint

DS-K1T201MF-C: M1 card and fingerprint, with camera

## Specifications

|                                  | DS-K1T201MF/MF-C   |
|----------------------------------|--|
| Processor                        | □ 1 GHz, 32-bit high-performance processor   |
| Storage                          | 256 MB storage   |
| MicroSD Card (Additional)        | Maximum 32 GB, built-in microSD card   |
| Operation System                 | Linux  |
| Camera                           | 2 MP   |
| Valid Cards/Swiping Records      | 100,000/300,000  |
| Fingerprint Capacity             | Maximum 4750 people (two local collected fingerprint templates for each person, 9500 fingerprints in total)  |
| Fingerprint Recognition Duration | 1:1 □ 1s, 1:1000 □ 1s  |
| FAR (False Accept Rate)          | □ 0.001%   |
| FRR (False Rejection Rate)       | □ 0.01%  |
| Fingerprint Recognizer           | Optical fingerprint recognizer module  |
| Card Reading Mode                | Mifare cards   |
| Card Reading Frequency           | Mifare card: 13.56 MHz   |
| External Card Reader             | RS485 IC reader  |
| Communication Mode               | Terminal mode: Uplink (TCP/IP, Wi-Fi), downlink (RS-485)<br>Card reader mode: Uplink (Wiegand 26/34, RS-485) |
| Transmission Rate                | TCP/IP, WIFI: 10/100 Mbps self-adaptive<br>RS-485: 19200 bps-N-8-1   |
| Input Interface                  | Door magnetic sensor x 1, alarm input x 2, tamper-resistant switch x 1, exit button x 1                      |
| Output Interface                 | Doorbell x 1, relay x 1  |
| LCD Screen                       | 320 x 240 LCD-TFT display screen   |
| Keyboard                         | 17 keys (0 to 9, F1, F2, DEL, switch key, *, #, doorbell)  |
| LED Indicator                    | Power/communication  |
| Audio                            | Loudspeaker  |
| Power Supply                     | 12 VDC   |
| Working Current                  | 500 mA (without locks)   |
| Working Temperature              | -4° to 149° F (-20° to 65° C)  |
| Working Humidity                 | 10% to 90% (non-condensing)  |
| Certificates                     | CE, FCC, UL 60950-1  |
| Dimensions                       | 4.8" x 5.6" x 1.1" (122 mm x 142 mm x 27 mm)   |
| Weight                           | 0.88 lb (400 g)  |

## Dimensions

