

## DS-K1T201AMF

### Fingerprint Access Control Terminal

DS-K1T201AMF is an optical fingerprint access control terminal with multiple advanced technologies including fingerprint recognition, Wi-Fi, and LCD display screen. It is designed with a 2.8-inch LCD display screen. It is equipped with optical fingerprint recognition module (supporting 1:1 mode and 1:N mode), and supports offline operation.



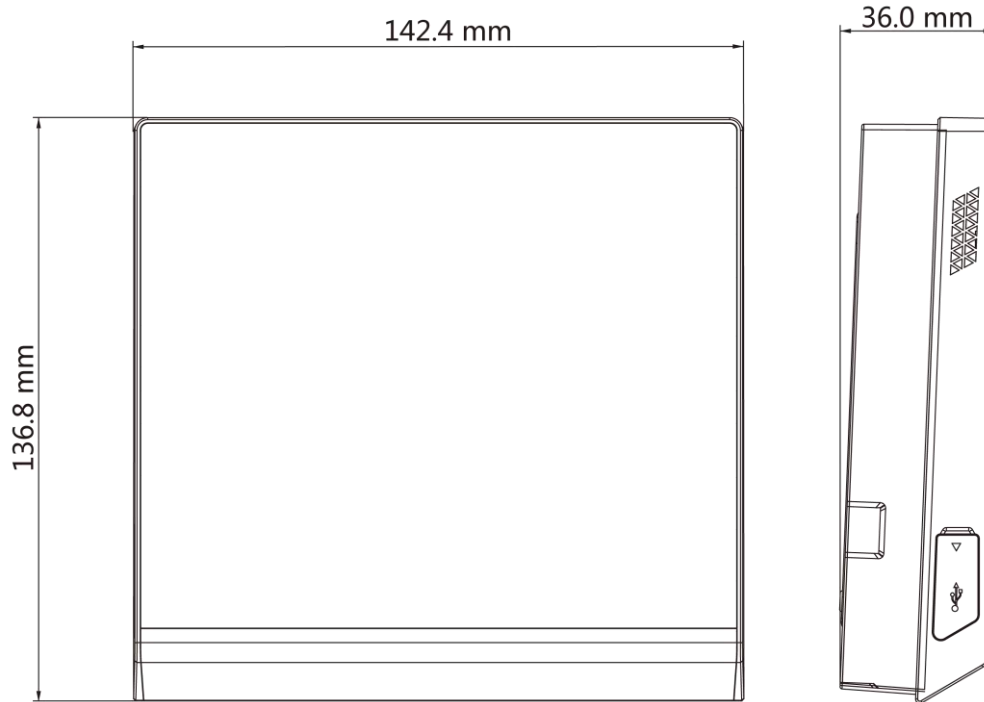
- IP addresses conflicted alarm
- Supports uploading real-time events
- Gets offline events: Avoids events losing
- Touch mode and blue light display technique for keypad
- Stand-alone settings for the terminal
- 2.8-inch LCD display screen to display the time, the date, etc.
- Max. 100,000 valid card capacity, Max. 5000 fingerprint capacity, and Max. 300,000 access control events capacity
- Communication via wired network (TCP/TP) and Wi-Fi
- Supports ISUP5.0 protocol for public network communication
- Supports multiple door opening modes (card, card + password, fingerprint, exit button, etc.)
- Supports RS-485 and Wiegand (26/34) communication for connecting the external card reader
- Applies authentications from the client to the device
- Supports Wiegand (26/34) interface and RS-485 interface for accessing the controller
- Tampering detection, unlocking overtime alarm, invalid card swiping over times alarm, forced opening door alarm, and duress card alarm
- 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
- Supports Mifare card reading, M1 card encryption (For device model with M)



## ▪ Specification

<b>System</b>	
Operation system	Linux
<b>Screen</b>	
Size	2.8-inch
Resolution	320 × 240
Type	Display screen
<b>Audio</b>	
Audio output	Loudspeaker
<b>Network</b>	
Wired network	100 M/1000 M self-adaptive
Wi-Fi	Support
Communication protocol	TCP/IP
<b>Interface</b>	
Network interface	1
RS-485	1
Wiegand	1
Lock output	1
Exit button	1
Door contact input	1
IO input	2
IO output	1
TAMPER	1
USB	1
<b>Capacity</b>	
Card capacity	100,000
Fingerprint capacity	5000
Event capacity	300,000
<b>Authentication</b>	
Card type	Mifare 1 card
Card reading frequency	13.56 MHz
Card reading distance	< 1 s
Card reading duration	0 to 5 cm
<b>Others</b>	
Power supply	12 VDC/2 A
Working temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Working humidity	10% to 90%
Dimensions	137 mm x 142 mm x 35 mm (5.4" × 5.6" × 1.4")

## ▪ Dimension



▪ **Available Model**

DS-K1T201AMF

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