

DS-K1T201AEF

Version 2 Fingerprint Access Control Terminal

DS-K1T201AEF Version 2 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.



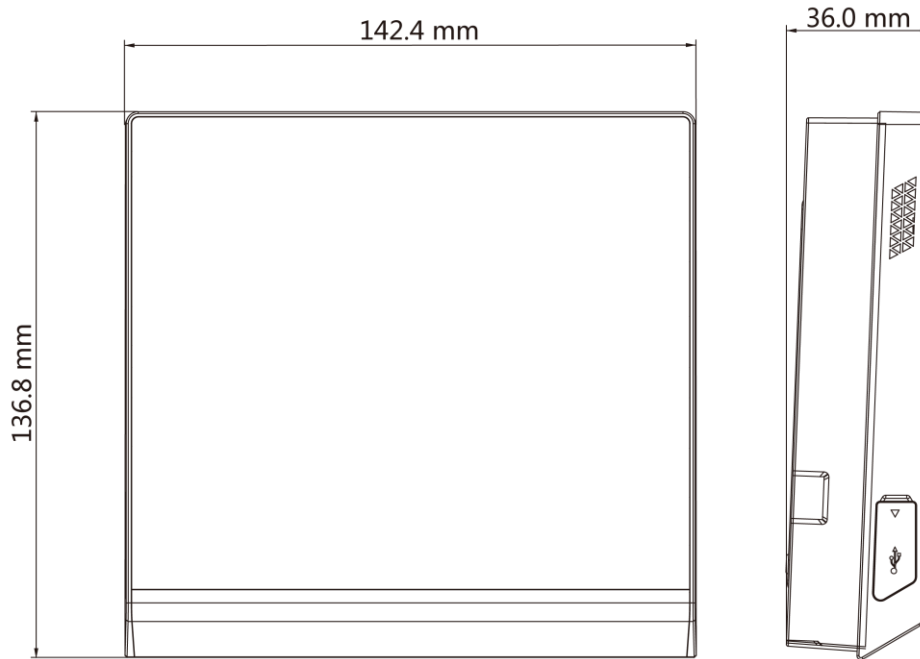
- IP addresses conflicted alarm
- Supports uploading real-time events
- Gets offline events: Avoids events losing
- Touch mode and blue light display technique for keypad
- Stand-alone settings for the terminal
- 2.8-inch LCD display screen to display the time, the date, etc.
- Max. 100,000 valid card capacity, Max. 5000 fingerprint capacity, and Max. 300,000 access control events capacity
- Communication via wired network (TCP/IP) 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 EM card reading



▪ Specification Version 2

System	
Operation system	Linux
RAM	1 GB
Cache memory	1 GB
Screen	
Size	2.8-inch
Resolution	320 × 240
Type	Display screen
Audio	
Audio output	Loudspeaker
Network	
Wired network	100 M/1000 M self-adaptive
Wi-Fi	Support
Communication protocol	TCP/IP
Interface	
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
Capacity	
Card capacity	100,000
Fingerprint capacity	5000
Event capacity	300,000
Authentication	
Card type	EM card
Card reading frequency	125 KHz
Card reading distance	< 1 s
Card reading duration	0 to 5 cm
Others	
Power supply	12 VDC/2 A
Working temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Working humidity	10% to 90%
Protection Level	IP65
Dimensions	137 mm x 142 mm x 35 mm (5.4" × 5.6" × 1.4")

▪ Dimension



▪ Available Model Version 2

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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 +1-866-200-6690
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