DS-K1201AEF
Fingerprint Reader



- A group of messy code encrypted data for the security of fingerprint storage
- Supports RS-485 communication with 19200bps-N-8-1 transmission rate. There are CRC test for the protocol
- Supports EM card reading
- Card induction distance is 30 mm to 100 mm
- Supports multiple authentication modes (card, fingerprint, and card + fingerprint)
- Optical CMOS fingerprint module. The characters of fingerprint can be export to the card reader
- Max. 5000 fingerprints storage
- Adopts the optical fingerprint module, supporting 1:N mode (fingerprint, card + fingerprint) and 1:1 mode (card + fingerprint)
- Fingerprint comparison time: 1:1 ≤ 1 s, 1:1000 ≤ 1 s; FRR ≤ 0.01%, FAR ≤ 0.001%
- Communication circuit is designed with optical coupling isolation and noise suppression function
- Built-in buzzer for status indication
- Accurate data and time display provided by built-in electronic clock and watchdog program to ensure the basic function of the terminal
- Tamper-proof function

▪ Specification

Interface	
TAMPER	1
Authentication	
Fingerprint module	Optical fingerprint module
Fingerprint comparing mode	1:1/1:N
Card type	EM card
General	
Power supply	12 VDC ± 10%
Power consumption	≤ 1.6 W
Working temperature	-40 °C to 70 °C (-40 °F to 158 °F)
Working humidity	10% to 90% (no condensing)
Dimensions	62 mm × 132 mm × 44 mm (2.44" × 5.20" × 1.73")
Installation	Surface mounting
Buzzer	Support

*** 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.*

▪ Available Model

DS-K1201AEF

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

Follow us on social media to get the latest product and solution information.

Hikvision HikvisionHQ HikvisionHQ Hikvision_Global Hikvision Corporate Channel hikvisionhq

©Hikvision Digital Technology Co., Ltd. 2023 I Data subject to change without notice I