

Fingerprint and Proximity card Access Control and Time Recorder



GDS-F5 is a specialized security & protection system device facing towards small and medium enterprises, it integrates multiple functions such as fingerprint identification, door lock monitoring, anti-theft alarm, access control and attendance record, reliable quality, voice prompt, multi-language system, human-machine interface, excellent communication function, comprehensive software for background data processing. It supports time-based grouping function for access control and achieves easy operation, good applicability and excellent performance. This product is applicable to office building, warehouse, confidential department, archives, computer room and intelligent residential.

Features:

- Excellent industrial design and graceful appearance
- Special fingerprint sensor for quick response and activation
- 32-bit CPU with low power consumption and high processing speed
- Creature V1.0 core algorithm for fast and accurate comparison
- Multiple communication modes via USB, RS485 & TCP/IP for data transmission
- Support data upload/download via USB flash disk
- Wiegand output, alarm signal output, relay output, door sensor signal interface, compatible with all standard access controllers
- Optional card reading module for combining card identification with fingerprint identification
- Multiple identification modes to ensure data integrity and security, i.e. via fingerprint only, card only, or card + fingerprint
- Fingerprint capacity: 1,000
- Excellent industrial design and graceful appearance



Specifications:

ITEMS	GDS-F5
Fingerprint Sensor	Optical fingerprint scanner
LCD	2.4" TFT Color Screen
Identification mode	Finger, Card & Pin
Verification mode	Fingerprint, Card, Password, Password + Fingerprint, Fingerprint + Card
Fingerprint capacity	1,000
Card capacity	1,000
Transaction storage capacity	100,000
Communication	RS485 & TCP/IP, USB flash disk, USB
Card Standard	125KHz Proximity EM Card
Card reading Distance	1~7cm
Identification Time	<1S
FAR	< 0.0001%
FRR	< 0.001%
Wiring Connection	Relay output, exit button, DOTL, alarm, Wiegand output
Relay	1 (NO, NC, COM)
Relay Output Time	1 ~ 99 Seconds (5 seconds default)
Alarm Output Time	0 ~ 3 Minutes (1 minute default)
Lock Output Load	2 A Maximum
Alarm Output Load	5 A Maximum
Wiegand Interface	Wiegand 26 / 34 bits output
Operation Voltage	DC12V
Idle Current	70mA
Operation Current	95mA
Ambient Temperature	-15 °C ~ 60 °C
Ambient Humidity	20% RH ~ 90% RH
Size	140mm * 105mm * 35mm
Weight	0.40Kg