

HIK VISION FINGERPRINT ACCESS CONTROL TERMINAL ST-804

Features for HIK VISION ST- 804 - Fingerprint Access Control Terminal

- Convenient and effective for small for small office, shop and restaurant.
- Easy to operate standalone access control fingerprint terminal
- LCD display screen
- 3,000 fingerprints, 3,000 cards and 100,000 events storage
- Built-in card reader for EM/Mifare1 card
- Easy to manage communication via TCP/IP and Wi-Fi
- Easy to track, export attendance data
- Alarm input and output interface
- Multiple time attendance status



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Main Features

- Integrated management of access control and the attendance.
- 2.4-inch LCD screen to display the time, the date and swiping/fingerprint authentication results.
- Supports registering fingerprints from the terminal to software remotely.
- Max. 3000 users, Max. 3000 fingerprints and Max. 100,000 event records.
- Two attendance authentication modes: authentication by person, authentication by device.
- Stand-alone operation: locally add person, card and fingerprint information.
- Exports the swiping card data and the attendance report to the USB.
- Up to 32 normal shifts and up to 32 man-hour shifts can be configured.
- Up to 32 attendance holiday schedules and up to 128 access control holiday schedules can be configured.
- Generates the attendance report automatically and view the attendance data easily.
- The doorbell can connect the third party bell.
- Tamper alarm and duress alarm function It is available to connect the external secure door control unit via RS-485 to avoid the door opening when the terminal is destroyed.
- Intelligent English input.
- Supports the third party alarm input.

Application Scenarios

Dormitory

Construction

School

Healthcare

Factory

Shipyard



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SPECIFICATION OF HIK VISION FINGERPRINT ACCESS CONTROL TERMINAL ST-804

Operating system	Linux
Screen	2.4-inch (320 ×240 LCD-TFT Display Screen)
Communication	TCP/IP, RS-485 (For Secure Door Control Unit), Wiegand Output (W26/W34) and Input (Wiegand 26/34)
Wi-Fi	Supported
Input Interface	Exit Button ×1, Door Sensor ×1 and Alarm Input ×1
Output Interface	Relay (Lock Output) ×1, and Alarm Output ×1
Keyboard	Keyboard (Back Light)
Storage	Up to 3000 Valid Cards; Up to 100,000 Event Records; Up to 150,000 Attendance Records
Fingerprint	Up to 3000 Fingerprints; Up to 10 Fingerprints for Each Person
Comparing Mode	1:1 and 1:N, N=3000
Card type	Mifare
Card reading distance	0.5cm
Card reading duration	<1 s
Face recognition duration	<1 s
FAR(False Accept Rate)	≤ 0.001 %
FRR (False Rejection Rate)	≤ 0.01 %



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Fingerprint Recognizer	Optical Fingerprint Recognizer Module
Audio prompt	1 Buzzer and 1 Loudspeaker
Power supply	12 VDC/2 A
Working temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working humidity	10 to 90% (No condensing)
Dimensions	205 mm ×76.5 mm ×37 mm (8.07" ×3.01" ×1.46")
IP Rating	42



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