HuAi
HUMAN & AI

TIME ATTENDANCE · ACCESS CONTROL

FINGERPRINT TERMINAL

BV-2810

Compact fingerprint reader for attendance & access control

A slim terminal with a 2" colour screen, keypad and optical fingerprint sensor, plus EM RFID card and PIN. Connects over TCP/IP, WiFi or RS-485, with a built-in relay for door control.



Fingerprint | EM RFID | PIN

3,000	3,000	200,000	< 1 sec
Fingerprints	RFID cards	Attendance logs	Verification time

KEY FEATURES

- **2" Colour Screen** — TFT LCD display
- **Keypad** — Easy PIN entry
- **Optical Sensor** — Durable, reliable reading
- **1:1 & 1:N** — Flexible matching modes
- **FRR < 0.01%** — FAR < 0.0001%
- **Access Control** — Built-in relay
- **TCP/IP & WiFi** — Plus RS-485
- **USB Slot** — Data transfer

IDEAL FOR

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Technical Specifications

BV-2810 Fingerprint Terminal for Attendance & Access Control

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General

Product	**Fingerprint terminal**
Screen	**2" TFT LCD colour**
Keypad	**Physical keys**
Display language	**English**
Sound indicator	**Buzzer, voice**
Dimensions	**64 × 185 × 47 mm**

Identification

Fingerprint sensor	**Optical**
Verification mode	**1:1, 1:N**
Verification	**Fingerprint / ID card / PIN**
Combination	**Card + FP / PIN / both**
Verification time	**< 1.0 sec**
RFID card type	**EM**

Capacity & Accuracy

Fingerprint capacity	**3,000**
Card capacity	**3,000**
PIN capacity	**3,000**
Log capacity	**200,000**
False rejection rate	**< 0.01%**
False acceptance rate	**< 0.0001%**

Connectivity & Power

Communication	**TCP/IP, WiFi, RS-485**
USB	**USB slot**
Working mode	**Online**
Access control	**Built-in relay**
Power supply	**DC 12V**
Operating environment	**0–45 °C · 20–80% RH**

Verification options

Choose the security level per door

- Fingerprint
- RFID card
- PIN
- Fingerprint + Card
- PIN + Card
- Fingerprint + PIN + Card

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Specifications may change without prior notice due to continuous product enhancement.