HuAi
HUMAN & AI

TIME ATTENDANCE · ACCESS CONTROL

FINGERPRINT TERMINAL

BV-2120

Advanced fingerprint reader for attendance & access control

Fast, accurate identification with fingerprint, RFID card and PIN — built for everyday workplace use, with a built-in relay for door control and flexible network connectivity.



Fingerprint | EM RFID | PIN

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

KEY FEATURES

- **2.4" Colour Screen** — Clear on-device display
- **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** — Network connectivity
- **RS-485** — Serial interface
- **USB Slot** — Data transfer

IDEAL FOR

Offices | Factories & Sites | Schools | Retail | Healthcare

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Technical Specifications

BV-2120 Fingerprint Terminal for Attendance & Access Control

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General

Product	Fingerprint terminal
Screen	2.4" colour screen
Keypad	Keypad
Display language	English
Sound indicator	Buzzer, voice
Installation	Wall mount

Identification

Fingerprint sensor	Optical
Verification mode	1:1, 1:N
Verification	Fingerprint / ID card / PIN
Combination	FP+Card, PIN+Card, FP+PIN+Card
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	0–50 °C · 20–60% 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.