HuAi
HUMAN & AI

TIME ATTENDANCE · ACCESS CONTROL

FINGERPRINT TERMINAL

# BV-2220

## Advanced fingerprint reader for attendance & access control

A 4.3" colour terminal with a touch keypad and expandable fingerprint storage, plus RFID card and PIN. Built for growing workforces, with a built-in relay for door control.




Fingerprint · EM RFID · PIN

| 10,000 | 5,000 | 500,000 | < 1 sec |
|---|---|---|---|
| Fingerprints · up to 50,000 | RFID cards | Attendance logs | Verification time |

## KEY FEATURES

- **4.3" Colour Screen** — TFT LCD display
- **Touch 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** — Network connectivity
- **USB Slot** — Data transfer

## IDEAL FOR

Offices · Factories & Sites · Schools · Retail · Healthcare


+971 4 372 4630 · sales@huaiaccess.com · www.huaiaccess.com

# Technical Specifications

BV-2220 Fingerprint Terminal for Attendance & Access Control

HuAi
HUMAN & AI

## General

| | |
|---|---|
| Product | **Fingerprint terminal** |
| Screen | **4.3" TFT LCD colour** |
| Keypad | **Touch 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 | **10,000 (expandable to 50,000)** |
| Card capacity | **5,000** |
| PIN capacity | **5,000** |
| Log capacity | **500,000** |
| False rejection rate | **< 0.01%** |
| False acceptance rate | **< 0.0001%** |

## Connectivity & Power

| | |
|---|---|
| Communication | **TCP/IP, WiFi** |
| 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


MOBILE / WHATSAPP
**+971 50 889 5653**

Dubai Silicon Oasis, UAE
sales@huaiaccess.com
+971 4 372 4630
www.huaiaccess.com





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