HuAi
HUMAN & AI

AI FACE RECOGNITION

NEXT-GEN BIOMETRIC TERMINAL

BV-3810

Face, fingerprint & palm terminal with live detection

AI-powered face recognition with integrated fingerprint and palm readers. Dual-camera live face detection and mask recognition give reliable attendance and access control.



Face | Fingerprint | Palm

10,000	20,000	20,000	< 0.2 sec
Faces	Fingerprints	Palms	Recognition speed

KEY FEATURES

- **5" HD Touch** — IPS 720 × 1280
- **Dual Camera** — 2MP WDR + 2MP IR
- **Live Face** — Rejects photo & video
- **Mask Detection** — Recognises with mask
- **Palm Recognition** — Touchless option
- **0.5 – 2.5 m** — Adjustable distance
- **500,000 Logs** — Large record storage
- **TCP/IP & WiFi** — Network connectivity

IDEAL FOR

Offices | Government | Hospitals | Schools | Factories

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Technical Specifications

BV-3810 AI Multi-Biometric Recognition Terminal

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General

Screen	5.0" IPS HD touch, 720 × 1280
Languages	EN, AR, ES, FR, RU, PT, JA, TR
Dimensions	205 × 88 × 21 mm
Installation	Wall mount with bracket
Recognition distance	0.5–2.5 m, adjustable
Operating environment	0–45 °C · 20–80% RH

Capacity & Performance

Face capacity	10,000
Fingerprint capacity	20,000
Palm capacity	20,000
Log capacity	500,000
Recognition speed	< 0.2 sec
Live face & mask	Anti-spoofing, mask detection

Hardware

Operating system	Linux 3.0
CPU	Dual-core Cortex-A7, 1.2 GHz
NPU	0.6 TOPS
RAM / ROM	256 MB DDR3L / 4 GB eMMC
Cameras	2MP WDR + 2MP IR, FOV 75°
Fill light	LED + dual infrared, auto

Connectivity & Control

Communication	TCP/IP, WiFi, RS-485
Wiegand	26/34
USB	USB Type-A (U-disk)
Door I/O	Relay, sensor, exit, bell, fire
Security	Tamper alarm, APB, interlock
Power supply	DC 12V, 1–3A

Verification options

Choose the security level per door

Face · Fingerprint · Palm · ID card (IC optional) · Password · QR code · Combinations

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