

AV-1300 Pro

Advanced Waterproof Face & Fingerprint Recognition Terminal



Introduction

The AV 1300 Pro is a state-of-the-art waterproof biometric terminal designed for high-performance face and fingerprint recognition. Engineered with an advanced processor and AI-based recognition technology, it provides unmatched speed, accuracy, and reliability. With its IP65-rated waterproof casing, it is suitable for both indoor and outdoor applications, making it ideal for access control and time attendance solutions.

Advanced Waterproof Face & Fingerprint Recognition Terminal

Key Features

- 5-inch HD IPS Touch Screen with user-friendly interface.
- IP65 Waterproof rating for indoor & outdoor usage.
- Dual camera system with WDR for accurate recognition.
- Fast recognition speed ≤ 0.2 seconds.
- Supports mask detection and liveness detection.
- Large capacity: 5,000 faces, 5,000 cards, 5,000 passwords.
- Supports multi-language operation (20+ languages).
- Flexible communication: TCP/IP, USB, Wi-Fi.
- Built-in access control interfaces (Lock, Doorbell, Wiegand).



Technical Specifications

Display	5"HD IPSTouch Screen, Touch Keypad
Waterproof Rating	IP65 — Indoor/Outdoor use
Operation System	Linux 3.10
Processor & NPU	ARM Cortex-A7, 800M single-core CPU with 0.8T NPU
Memory	256MB DDR3L RAM; 4GB eMMC ROM
Cameras	2MP Color WDR + 2MP Infrared
Record Capacity	500,000 entries
Verification Modes	Face, PIN, ID Card (IC optional)
Biometric Capacities	Face: 5,000; Card: 5,000; Passwords: 5,000
Accuracy	99.70%
Recognition Speed	≤ 0.2 seconds
Recognition Distance	0.5–2.5m (0.5–1.5m with liveness detection)
USB Support	USB 2.0 (data import/export)
Power Supply	DC 12V 1A
Communication	TCP/IP, USB, Wi-Fi
Attendance Software	Local + Web Cloud support
Mask Detection	Supported
Access Control I/O	Lock, Doorbell, Alarm, Wiegand I/O
Operating Conditions	0–45 °C, 20–90% RH
Languages	20+ supported

Applications

- Corporate offices and IT parks.
- Government institutions and banks.
- Educational institutions.
- Hospitals and healthcare centers.
- Factories and industrial complexes.
- Residential complexes and societies.
- Transportation hubs (airports, railway stations) .

Structural Waterproofing

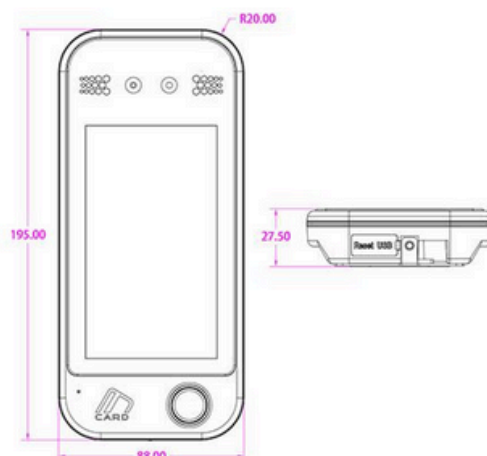
Back waterproof wire groove design for convenient access control wiring, ensuring both ease of installation and aesthetic appeal.



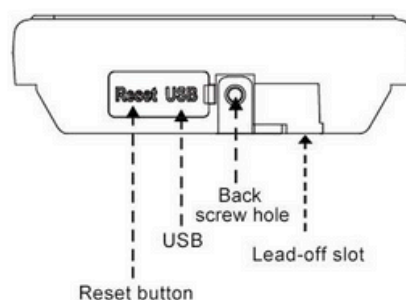
Easy installation

Wire raceway

Size (mm)



Bottom



Back



Product Package

- Package Box*1
- Machine*1
- Power cable*1
- Access control cables*1
- Wall mount bracket*1
- screws*1pack
- User manual*1

