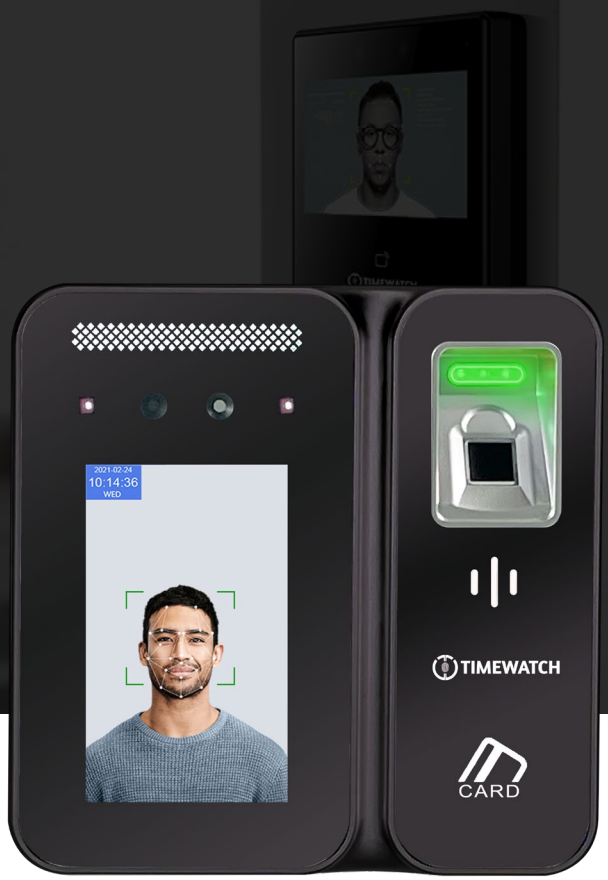
TIMEWATCH®
Presence perfect

Time Attendance & Access Control Terminal

AI-FaceT5B



AI-FaceT5B is an AI-powered biometric time attendance and access control terminal designed for fast, secure, and contactless workforce management. Equipped with a 4-inch HD touch screen and a binocular dual-camera with live detection technology, it delivers highly accurate face recognition with anti-spoofing protection in just 0.2 seconds.

Supporting multiple authentication methods including Face, Fingerprint, Card, and Password, it provides flexible and reliable access control for modern workplaces. With a capacity of up to 6,000 faces, 12,000 fingerprints, 6,000 cards, and 500,000 event records, along with TCP/IP, USB, and Wi-Fi connectivity.

AI-FaceT5B offers a powerful, scalable solution for offices, factories, educational institutions, healthcare facilities, and commercial buildings.

Verification & Features

Face | Fingerprint | Password | Card | Mask Detection | Live Detection | Touch Screen | AI Algorithm | Wi-Fi | Cloud | Battery Backup

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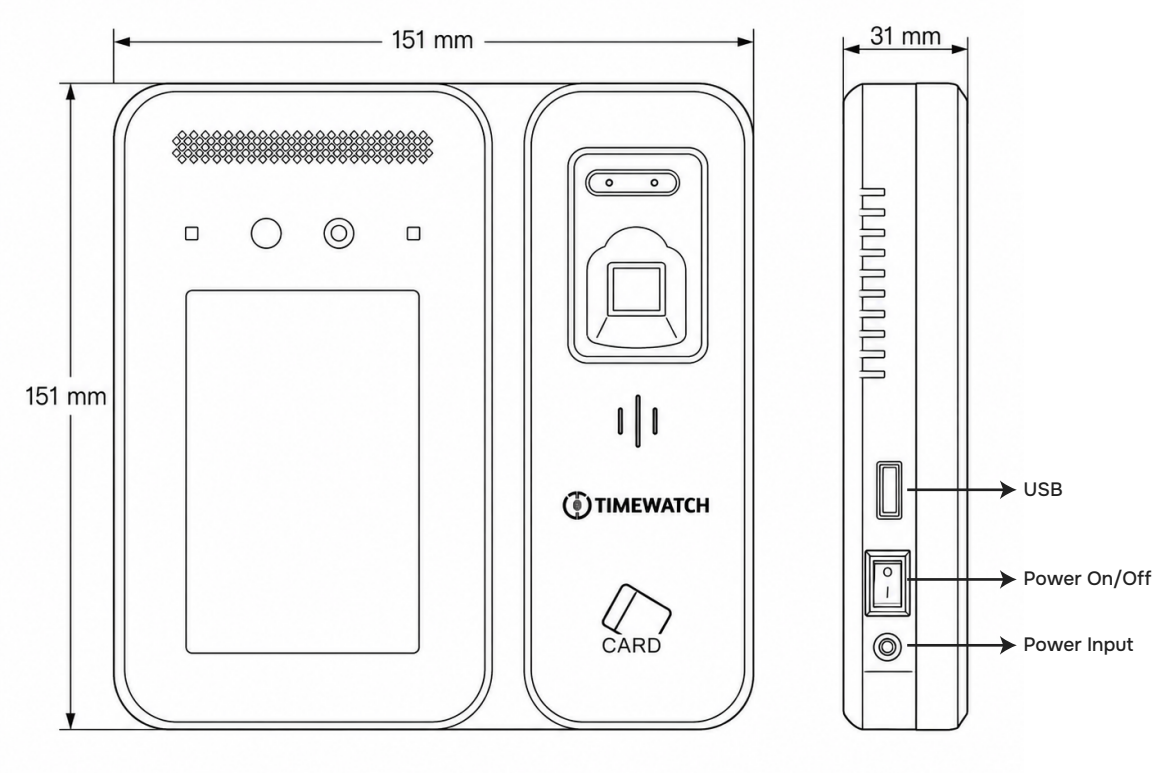
Technical Specification

Screen	4 Inch HD Touch Screen
Operation System	Linux 4.19
CPU, NPU	ARM Cortex-A7 800M, 800G (0.8T)
RAM	256MB
ROM	4GB
Binocular Camera	1MP Color Camera + 1MP Infrared Camera
Live Detection	Dynamic dual-camera anti-counterfeiting technology prevents deception from black-and-white photos, color images, and videos of all kinds.
Verification	Face, Fingerprint, Card & Password
Face Capacity	6,000
Fingerprint Capacity	12,000
Card Capacity	6,000
Password Capacity	6,000
Log Capacity	5,00,000
Face Recognition Accuracy	99.70%
Recognition Speed	≤0.2 s
Recognition Distance	0.5~2.5m (0.5~1.5m with live face recognition on)
Prevent Photo	Dual Camera anti counterfeiting, prevent recognition with Photos/Videos
WDR	Support Accurate face recognition under strong light, dark light and Blacklight
Power Supply	DC12V 2A
Network Communication	TCP/IP, Wi-Fi, USB
Software	Desktop software and web based cloud software
Access Control Function	Lock output, Doorbell output / External ring, Wiegand input / output
Working Temperature	0˚C ~ +45˚C
Working Humidity	20% ~ 90%

Dimension Drawing



Application

Education | Office | Government | Hospital | Bank | Logistics | Factory | Retail

Disclaimer : All pictures shown are for illustration purposes only. The actual product and color may vary due to product enhancement. The brief specification is mentioned and may change without prior notice. Please consult us before placing any order.