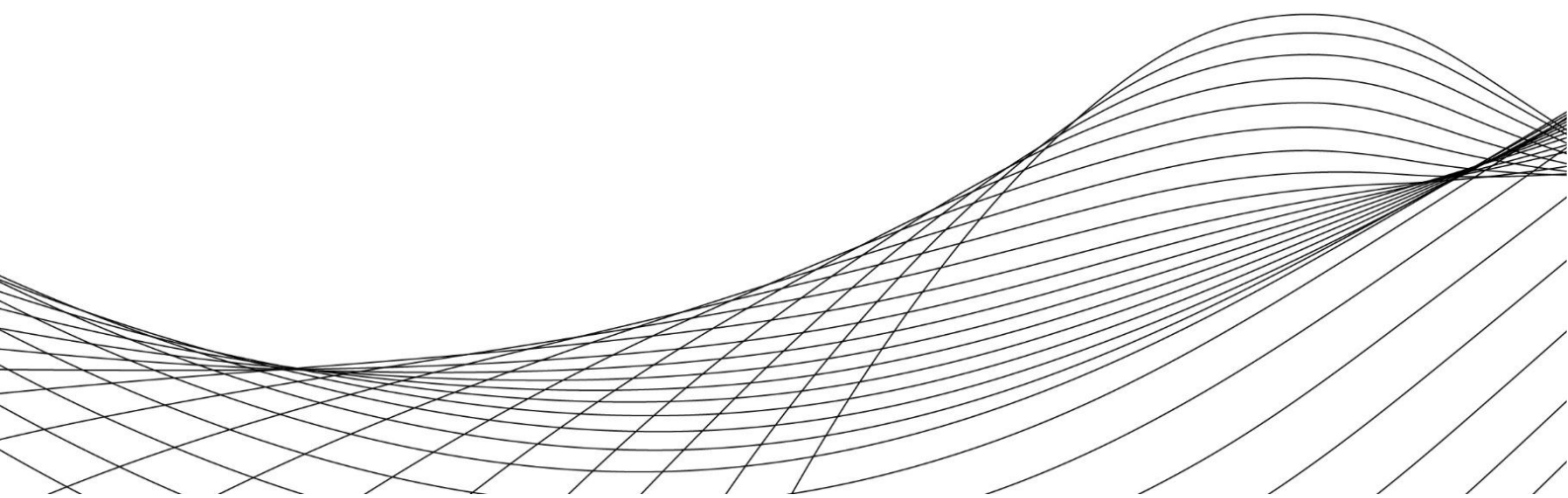


BioSlim - Fingerprint Biometric Device

PLB-2000

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BioSlim – Fingerprint Time Attendance PLB-2000

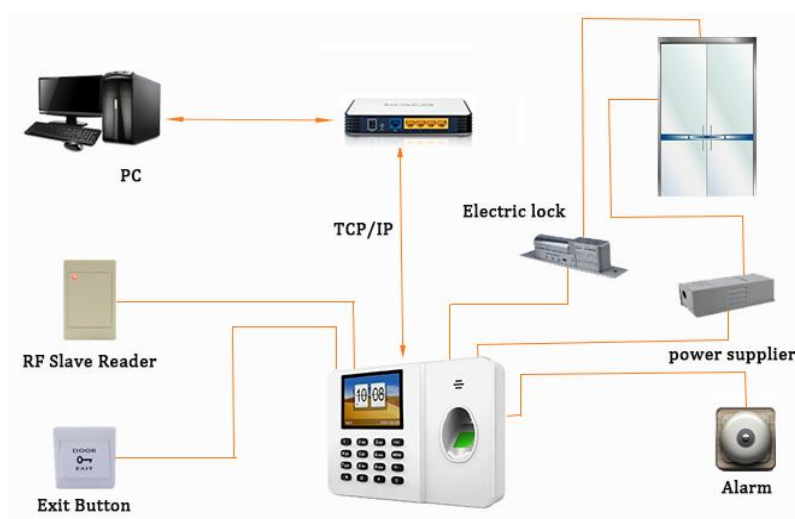


- ✦ Fingerprint-based biometric attendance and access control device
- ✦ Supports up to 2,000 users for employees
- ✦ Stores 160,000 attendance logs
- ✦ Powered by a 320 MHz CPU for stable and reliable performance
- ✦ Equipped with a 2.4-inch TFT color display (320 × 240 pixels)
- ✦ Supports multiple interfaces including TCP/IP and USB (Host & Slave)
- ✦ Attendance modes fingerprint, card, password
- ✦ Fast verification speed of less than 0.5 seconds (1:N)
- ✦ Low False Rejection Rate (FRR < 1%) for smooth user experience
- ✦ Extremely low False Acceptance Rate (FAR < 0.0001%) for high security
- ✦ Provides 16-bit Hi-Fi voice prompts and sound indications
- ✦ Supports multiple languages
- ✦ Operates on 5V DC / 1A power supply
- ✦ Built-in backup battery providing 2–4 hours
- ✦ Compact and slim design with dimensions 180 × 130 × 33 mm
- ✦ Lightweight construction with a total weight of 0.45 kg
- ✦ Designed for indoor environments
- ✦ Support 2.4GHz Wi-Fi connectivity
- ✦ Operating temperature 0°C to 45°C
- ✦ Optional support for RF cards (125kHz EM / 13.56MHz Mifare)

Specifications:

Biometric Measurement	Fingerprint
User Capacity	2000 Users
Log Capacity	160,000
CPU	320 MHz
LCD Display	2.4" TFT Color Screen 320 x 240 Pixels
Interface	TCP/IP, USB (Host and Slave)
Language	English, Arabic, French, Korean, Spanish, Portuguese, etc.
Attendance Mode	Fingerprint or Password or Card or Fingerprint + Password or Card + Password or Fingerprint + Card + Password
Voice Instruction	16-bit Hi-Fi Voice & Sound Indication
Verification Time	< 0.5 s [1:N]
FRR (False Rejection Rate)	< 1%
FAR (False Acceptance Rate)	<0.0001%
Power Source	5 V DC/1 A
Operating Temperature	0°C - 45°C
Operating Humidity	<90% RH
Dimensions (mm)	180 x 130 x 33
Weight (kg)	0.45
Backup Battery	2 - 4 Hours for Working
OPTIONAL FUNCTIONS	
RF Card	125 kHz EM/13.56 MHz Mifare
Door Control	Relay/Wiegand In & Out
Wi-Fi	2.4 GHz

Application:



Interface:



- | | |
|------------|--------------|
| - Lock_NO | - Bell_NO |
| - Lock_COM | - Bell_COM |
| - Lock_NC | - WG_OUT0 |
| - WG_IN0 | - WG_OUT1 |
| - WG_IN1 | - GND |
| - GND | - DoorSensor |
| - POW | - POW |
| - GND | - GND |



- Power
- USB
- TCP/IP

Accessories:

