

Biopad 100

Product Description

Biopad 100 is an innovative new generation time and attendance terminal. With an elegant and ergonomic design, it combines user friendly touch screen technology with the latest fingerprint identification algorithm, offering the added option of an integrated RFID module. With a polished 7 inch interface, this terminal is available with Linux or Android operating system, allowing for either resistive or capacitive touch screen technology. With multimode communication, including Ethernet, USB, and Wi-Fi, the Biopad 100 is one of the most efficient and aesthetic T&A terminals on the market today.



Functions

Standard



Optional



Features

- 7 inch touch screen
- RS232, Ethernet RS485, WI FI Connectivity
- Network communication ensures the reliable data delivery
- Built-in USB port allows manual data transfer when network isn't available
- With built-in camera capturing real-time photos ensures the accuracy of identification
- Support proximity RFID, Mifare or HID card as optional feature
- Optional built-in backup battery
- SD Card Slot
- Available in either Linux or Android OS

Biopad100 Specifications

Capacity

| | |
|------------------|---------|
| Card Capacity | 10,000 |
| Finger Print Cap | 6000 |
| Transaction Cap | 300,000 |

Hardware

| | |
|---------------|----------------------------|
| Platform | ZEM510 |
| CPU | 32bit Multi-Bio CPU 400MHZ |
| Memory | 32M RAM, 256M Flash |
| Sensor | ZK Optical Sensor |
| Relay Contact | Relay bell (Optional) |
| Camera | 300,000 Pixels Camera |

Display

| | |
|---------------|-------------------------------|
| Screen | 7 Inch Resistive Touch Screen |
| LED Indicator | Red/Green |

Environment

| | |
|---------------|------------|
| Oper. Temp | 0°C - 45°C |
| LED Indicator | 20%-80% |

Power

| | |
|-------|-----------|
| Power | 5V, DC 2A |
|-------|-----------|

Communication

| | |
|------------|--------------------------------|
| Comm. Port | Ethernet, WIFI |
| Pen Drive | USB-Host |
| SD Card | Card Slot and Optional SD Card |

Fingerprint Algorithm

| | |
|----------------|-----------------|
| Type | ZK Finger v10.0 |
| Identification | <2 seconds |
| Verification | <1 seconds |
| FRR; FAR | < 1%; <0.0001% |

Dimensions

| | |
|------------|--------------------------|
| Dimensions | 222x135x51mm (L x W x D) |
| Weight | 0.62Kg |

Firmware

| | |
|-------------------|---|
| O.S | Linux or Android |
| Standard Function | SMS, DLST, Scheduled-bell, T9 Input, Self-Service Query, 9 Digit User ID, Photo ID, Automatic Status Switch, WIFI |
| Optional Function | ID/MIFARE/HID, 14 Digit User ID ADMS |

Connectivity Diagram Biopad100

