



Suitable for



Time & Attendance management on premise



Access Control



Canteen Management



Cloud based Attendance

**MicroBEN Bio**

An iconic & extremely reliable rugged fingerprint biometric attendance system made by Fortuna to manage Attendance and Access Control

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### Features



#### Ultra fast performance and highly secure

- High speed Dual core ARM CPU
- Runs on Suprema sensors - the best in class
- Recognises fingerprints under one second
- Fake fingerprint detection
- Highly accurate! >99.9% accuracy



#### Multiple connectivity modes

- Optional WiFi
- Optional 4G/2G
- USB Pen Drive Interface



#### High user capacity

- Upto 9600 fingerprint template storage
- Upto 90,000 user log storage



#### Rugged with multiple options to choose from

- SS Enclosure with 4 hours battery backup
- Works in 0-55 Deg C



#### Multiple User credentials

- Highly accurate Fingerprint recognition
- EM Proximity card reader (OPT 02P)
- MiFARE card reader (OPT 02S)
- HID Prox card reader (OPT 02HP)
- HID iClass card reader (OPT 02HI)



#### Easily integrated into third party applications

- Has open APIs for transmitting transaction data
- Device management and template management APIs supported
- SDK for integration

### Software



#### Communication Platform Software & API's

- **Smart Face** : Web Based Communication Server for Face & Finger Terminal, Template & Data Management with Push Technology
- **PM Neo** : API integration project with HRMS/ Payroll/ERP software for Employee Master, Templates, Terminal & Transaction data



#### T & A Application Software

- **Smart Face Attendance** : Web based Platform Software with Built-in Attendance Management, Leave & OT Module
- **OTG HR** : Cloud based Attendance System (including Mobile App) with Intra-office Task Management Solution
- **TPP Nuo** : Desktop Based communication & MIS Software with Push Technology upto 200 Users

### Specification

CPU	Dual core ARM CPU 9600 Finger storage
Enrolment Time	2 second for finger capture
Identification Time	<1 Sec. (1:N) (Typical)
Finger Rotation	+/-90 Degree
Finger Displacement	+/- 5mm
Sensor	Optical (16mm x19mm), SUPREMA make
Image Size	280 x 320 Pixel, 500 DPI
Finger Template Size	256 Bytes, ISO 19794-2 template standard
EER	<0.1%
Memory	96,000 Transaction Storage
Communication	Ethernet/LAN(TCP/IP) Optional : WiFi, Broad Band, GPRS
Card Reader Input	EM Proximity/MIFARE/HID/iClass (Opt.)
Match-on-Card	ISO 14443 Type A, MIFARE 1KB/4KB Card
Keyboard	4x4 Membrane Keyboard
Printer Interface	Serial Strip Printer
Display	16x2 Backlit LCD
USB	USB Pen Drive Interface
Sound	Human Voice Interface (on request)
Access Control	Dry/Wet (12V) Contact O/P & ReX (Request-to-Exit)& DOTL input
UPS with Battery	Battery Back-up for 4 Hours (Optional)
Power	(110-260V@50Hz +/-5Hz )
Dimension	146 (H) X 154 (W) X 45 (D)mm
Enclosure	Dust Resistant ABS enclosure
Operating Temp.	0-55 Deg. C

#### Ordering Information

- **MicroBEN Bio** : Fingerprint terminal(1:N) with TCP/IP & Adapter

Optionals:

- **OPT 02S** : Add-on Smart Card Reader (MicroBEN Bio\_Smart)
- **OPT 02P** : Add-on Proximity Card Reader (MicroBEN Bio\_Pro)
- **OPT 02HP** : Add-on HID Proximity Reader (MicroBEN Bio\_HID)
- **OPT 02HI** : Add-on HID iClass Reader (MicroBEN Bio\_iClass)
- **OPT 04** : Add-on UPS & Battery with 4 Hrs Backup (External)
- **OPT 05** : Add-on WLAN Port (Wifi)
- **OPT 06** : Add-on 4G with 1 SIM Slot
- **OPT 08** : Add-on PoE Option for Ethernet
- **OPT 11** : SS 304 Enclosure for Protection with Lock & Speaker with 4 Hours Battery Back-up
- **OPT 12** : SS 304 Enclosure for Protection with Lock & Speaker
- **MicroTIP** : Finger Print based Slave Out Reader
- **MicroPROX/Prox Point/MicroSMART** : Out Reader Option