

# MicroBEN Bio (BBAS)

## FINGER PRINT & CARD BASED ATTENDANCE SYSTEM

- Morpho Finger Print Reader
- Proximity Card Reader
- Wall Mounting Bracket
- Minimalistic Design
- Sleek & Stylish



**MicroBEN Bio** : Realtime Field Data Capture is needed for a number of Application with Finger/Card reader for Identification. MicroBEN Bio is a Compact device, having LCD display & Keyboard for Man Machine Interface. It is also having Proximity Card Reader & built-in LAN connectivity.

It is programmable & can suit user Attendance application. The Attendance Engine is provided as default, for attendance needs using one of the mode, ie; only Finger, Card + Finger, Card only.

### Technical Specification

- ❖ CPU : High Speed ARM Core CPU
- ❖ Card Reader : Proximity card reader
- ❖ Finger Print Reader : **Morpho-Sagem\*** (Aadhar Certified) Sensor with 1000 templates (500 users) in 1:N mode
- ❖ Communication : TCP/IP using RJ45 port (10/100 Mbps)
- ❖ Multiple Data Transfer Policy: Always-on/Schedule based
- ❖ Data Communication Mode : Pull & Push Data to Server over LAN or Internet
- ❖ Transaction Records : 90,000 Records
- ❖ Display : 128 X 64 Graphic Backlit LCD
- ❖ Keyboard : 16 Key Membrane Keyboard for enrollment & other Admin option
- ❖ User Friendly : Web Server I/F for managing terminal

### Physical & Environmental Specs

- ❖ Anti Theft, Sleek ABS enclosure
- ❖ Size : 80 (W) X 140(H) X 120 (D) mm
- ❖ SMPS Power : Input - 90 to 270V AC, Output :12V DC(2 Amp)
- ❖ Operating Temperature : 0 to 55 Deg.C
- ❖ Humidity : Upto 95 % RH (Non-condensing)

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## Approved by Govt. of Bihar



### Technical Specification :

- ❖ Memory : 90,000 Transaction Storage
- ❖ Battery Back-up : Retention of Clock & Data upto 10 Years
- ❖ Keyboard : 4x4 Membrane Keyboard
- ❖ Identification Time (1:N): <1 Sec. (Typical)
- ❖ Minutiae-only Template Extraction Algorithm with EER : <0.1%

### Optional item (at cost) :

- ❖ ABS Enclosure with Lock & Key
- ❖ External Battery back-up (3Hrs)