

# MicroLOG Bio

FINGER PRINT & MIFARE CARD READER BASED HANDHELD DATA LOGGER

- Finger Print reader
- Mifare Smart card reader
- Minimalistic Design
- Sleek & Stylish

**MicroLOG Bio** : Realtime Field Data Capture is needed for a number of Application with Finger/Card reader for Identification. MicroLOG Bio is a Compact, Battery operated electronic unit having LCD display & Keyboard for Man Machine Interface. It is also having MIFARE Card Reader, for Identification "Match-on-card" requirement & Built-in LAN connectivity. GPRS or Wifi connectivity may also be opted for as option.

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

## Technical Specification

- ❖ CPU : High Speed ARM Core CPU
- ❖ Card Reader : Mifare card reader using ISO14443A protocol
- ❖ Finger Print Reader : Morpho-Sagem Sensor with 1000 templates (500 users) in 1:N mode
- ❖ "Match-on-card" feature using Mifare card for 1:1 matching
- ❖ Communication : TCP/IP, USB, GPRS/Wifi (Optional)
- ❖ Multiple Data Transfer Policy: Always-on/Schedule based
- ❖ Data Communication Mode : Push Data to Server over LAN/ Wifi (Optional) or Internet using Broad Band/GPRS connectivity
- ❖ Transaction Records : 90,000 Records
- ❖ Display : 128 X 64 Graphic LCD with white text in Blue Backlit
- ❖ Keyboard : 16 Key Membrane Keyboard for enrollment & other Admin option, separate Power On/Off Key.
- ❖ User Friendly : Web Server I/F for managing terminal
- ❖ GPS : Built-in GPS Module for logging the GPS Info(Optional)
- ❖ Mifare Smart Card Reader/Writer
- ❖ Auxillary RS232C Port : RS232C Port to connect Printer/weighing machine
- ❖ UPS with 4 Hours Battery Backup using Lithium Battery
- ❖ USB host Interface for Data/Finger transfer



MicroLOG Bio



SMPS Adapter/Charger

## Physical & Environmental Specs

- ❖ Anti Theft, Sleek ABS enclosure
- ❖ Size : 83 (W) X 152 (H) X 67 (D) mm
- ❖ SMPS Power : Input - 90 to 270V AC, Output :12V DC
- ❖ Operating Temperature : 0 to 55 Deg.C
- ❖ Humidity : Upto 99 % RH (Non-condensing)

## Application Areas :

- ❖ Construction/Green Field site Attendance
- ❖ Classroom Attendance
- ❖ Mobile Tea/Coffee vending
- ❖ Tea Garden Field Attendance & Weighment

## Ordering Information:

- ❖ **MicroLOG Bio** : Handheld Datalogger
  - \* OPT 01 : PoE Option for Ethernet
  - \* OPT 05 : Built-in Wifi
  - \* OPT 06 : GPRS connectivity
  - \* OPT 09 : Built-in GPS

- ❖ **MIS Time Pro** : Time Office MIS Software for Multi Shift Operation



8, Ho Chi Minh Sarani  
12D, Harrington Mansions, Kolkata - 700 071 (India)

☎ : (91) (33) 2282 2270 Fax : (91) (33) 2282 2267

✉ : [info@fortunaindia.com](mailto:info@fortunaindia.com); 🌐 : [www.fortunaindia.com](http://www.fortunaindia.com)