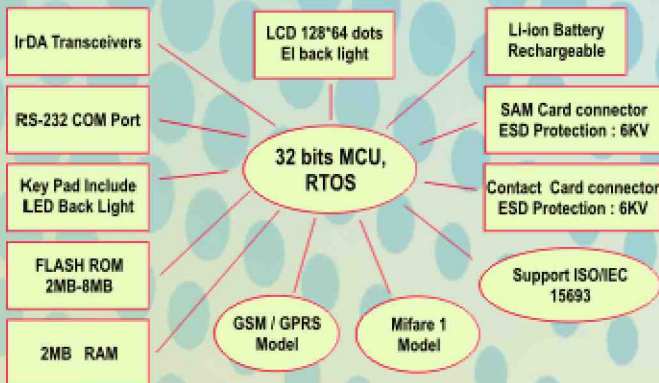


Micro LOG

Handheld Computer

FORTUNA



Productivity & Efficiency are the forces driving companies to adopt Mobile Tools. MicroLOG, the Smart Hand Held Terminal is designed to provide cost effective Smart Card enabled solutions :- Broad Based Smart Card Management, e-Purse, Loyalty, POS, Warehousing Applications, field data collection and dynamically uplinking data with enterprise host systems.

The MicroLOG comes with a wide range of options, tailored to your need. It contains a Contact Smart Card Interface with SAM Card Socket (optional) as in Driver's Licence or a Mifare Contactless Reader for Read/Write applications, e-Purse, Fleet Management etc. The integration of a Biometric Scanner allows systems to conduct transactions with high levels of security using 1:1 or 1:N Biometric verification. Optional Integrated Laser Barcode Scanner provides fast and accurate capture of Barcoded data. The 16 Keys with Backlit and Jog Dial provide for quick input of data. The Microlog delivers the data to the back end host system in real time from the field thru two Radio options (1) GPRS (2) RF 400 MHz. Of course RS232 & IRDA for offline data downloading of the captured data from its spacious memory is always there.

Micro LOG Bar

Wireless Barcode & RFID Hand Held Computer

- ▲ Laser Barcode Reader module-----650nm laser
- ▲ Supports Barcode types : UPC-A/E, 2 of 5, EAN8/13
- ▲ Code 39/128/EAN 128, Codabar125
- ▲ Resolution (pcs 0.9) : 0.10mm(4mil)
- ▲ Depth of field : 10-420mm(pcs0.9, density0.25)
- ▲ Read Breadth : 60mm at 30mm & 98mm at 100mm(from object)
- ▲ Read speed : 74/s ; Read Precision : 0.10-0.825mm
- ▲ Read distance : 10-520mm; Code error rate: 1/1000000
- ▲ Low power wireless module; Working frequency : 429-433.3Mhz
- ▲ Communication : 1200-19200bps (indoor 50M, outdoor 150M)
- ▲ GPRS Module (Optional)
- ▲ Max 85.6kbps; support TCP/IP; support SMS
- ▲ Supports ISO15693 tags, e.g.I-code, INSIDE and TI (Optional)

Micro LOG Smart

Wireless/GPRS & Smart Card Hand Held Computer

- ▲ Contactless part (illustrated with MIFARE 1 or Ultralight)
- ▲ Working frequency : 13.56MHZ
- ▲ Anti collision : Able to read/write several cards at one time
- ▲ SAM card operation : read/write CPU card with T=0/T=1 protocol
- ▲ Read/write distance: within 20mm

Micro LOG Tip

Biometric & Smart Card Hand Held Computer

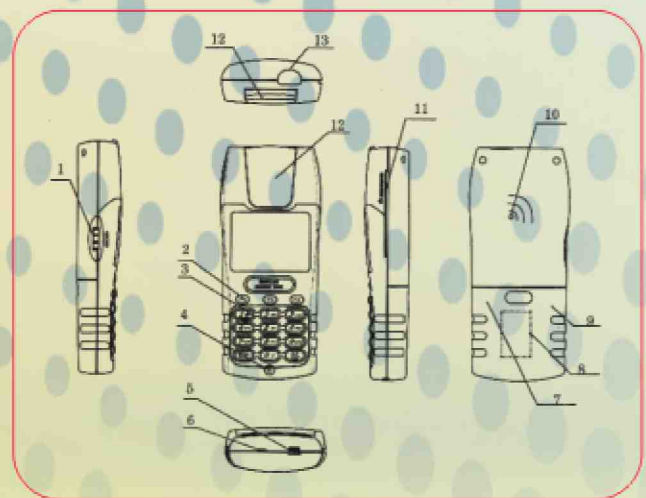
- ▲ 1:1 or 1:N spot fingerprint match mode
- ▲ Support Contact smart card in accordance with ISO7816.
- ▲ Support Contactless Smart card with ISO14443 Type A/B
- ▲ Support tags with ISO15693, such as I-code, INSIDE and TI series.
- ▲ Support ID card such as EM, Temic.

Applications

- Driver Licence
- Fleet Management
- Mobile Payment Sytems
- Club Member / Loyalty Programs
- Insurance Applications
- Prepaid Card Applications
- Warehouse Application
- Logistics Smart Card System
- Health Card System
- Meter Reading Instruments
- And many more.....

Common Specifications

- ❖ Micro processor : 32-bit CPU
- ❖ Display : 132x64 dot, EL backlight,16x8 lines ,one-line icons
- ❖ Memory : FLASH MEMORY: 16Mbit (upto 64Mbit); DRAM:16Mbit
- ❖ Keyboard : 16 keys with backlight, one jog dialer
- ❖ IC card interface : 1 standard, 1 SAM card socket (optional) compatible with card accord with T=0/T=1 protocol
- ❖ Communication interface : 1 standard RS232 interface, 1 IrDA Port
- ❖ Battery : 850MAH rechargeable Lithium battery
- ❖ Working Temperature : -20°C-50°C
- ❖ Relatively Humidity : 45%RH to 95%RH (non condensing)
- ❖ Power : Average<0.5W, Max<3.5W
- ❖ Appearance size : 154x67x30mm
- ❖ Net weight : 170g



Names of All Parts of Micro LOG

- | | |
|---|---|
| 1. Jog Dialer | 7. Reset Key (Need open the Back Cover) |
| 2. Three Function Keys | 8. Optional SAM card Socket |
| 3. The Numeric Key and "Enter", "C" | 9. Battery Back Cover |
| 4. Power Switch, Charge Indicator Light | 10. Optional Contactless Model Flag |
| 5. Socket for PC Communication and Charge | 11. Main Card Socket |
| 6. Buzzer | 12. Cover |
| | 13. IrDA Interface |

