

Portable Wireless EFT-POS Terminal

"Accept payment transactions anytime anywhere !"

- Subminiature, fashionable Mobile POS
- Mobile Phone communication, SMS function
- Built in CDMA / GSM (GPRS) wireless module
- Low power consumption design type
- Wireless Modem all-in-one portable terminal
- Various additional functions (Calculator, Yellow Page etc.)
- Quiet, trustworthy built in thermal printer
- Speedy admission & reduction data communication fee : 30% of wire POS
- One Touch paper setting function, easy loading and fast printer
- IC Card reader function
- Large-sized removable lithium-Polymer battery
(Using time: More than 40Hrs standing by)



LMT 3000

is a compact, lightweight and portable wireless EFT POS terminal using CDMA or GSM (GPRS) network for online authorization. It is revolutionary solution for consumer's portable or mobile payment needs and it is ideally suited to mobile merchants, tradesmen, home delivery services, taxi drivers and so on.

LMT 3000 is different with the existed wire POS, LMT 3000 is the All-in-one type of wireless EFT POS with built in wireless modem (CDMA, GSM / GPRS modem), magnetic stripe reader, smart card reader, thermal printer, LCD screen, PIN Pad and rechargeable battery pack. It not only can be used as mobile EFT POS, but also can be used as mobile phone with headset in itself. LMT 3000 provides fast and secure processing, which is 3 times faster than the wire POS, what is more, telephoning and SMS function is involved. Also, **LMT 3000** replace the large-sized type printer, which is one of the serious defects of existed wireless POS, by the thermal one, therefore

it is such an ultra light and minimized handy equipment! LMT 3000 is designed as a low-powered type and use the large-sized removable lithium-Polymer battery, therefore it will last until 40 hours.

LMT 3000 is the answer to improved customer service when a fully portable, wireless terminal is needed for transaction convenience.



Main controller specification

CPU
▶ Description : 66MHz ARM7TDMI RISC microprocessor

Memory
▶ Flash memory : 2/4Mbytes NOR flash
▶ SDRAM : 8/16Mbytes
▶ SRAM : 128kbytes Back up by lithium rechargeable battery

S/W
▶ O/S : Embedded Linux
▶ Loader : Installed
▶ SDK

ETC
Printer driver : High current driver
Buzzer : Key beep, phone call

Peripheral specification

Modem(*Optional)
▶ Modem(*Optional)
▶ Type : GSM (GPRS)
CDMA
Bluetooth with LMT300S-AP
(bluetooth Access Point)
▶ SIM : 1 SIM socket at behind of battery pack

LCD
▶ Description : 128 * 64 pixels graphic type
▶ Aux. function : Digitally controlled contrast
EL back light

MSR
▶ Description : Can read Track 1 & 2 simultaneously (Track 2 & 3 optional)
▶ Read magnetic stripe card at both direction

IC card interface(Optional)
▶ I.F.M : EMV Level 1 certified Certification
▶ SAM : 3 SAM socket at behind of battery pack

Printer
▶ Description : Thermal printer
60mm paper width, 48mm print width
200dpi resolution

Comm port
▶ Description : TTL level UART 1 port
(RS-232C level is optional)
for S/W upgrade, test & etc

SDK specification

Prepared Libraries
▶ Handling peripheral devices(MSR, Printer, etc)
▶ PC/SC library(Handling IFM)
▶ Handling GUI, menu
▶ Glib compatible library

Tools
▶ Compile Environment : Linux or Windows
(cygwin environment)
▶ Compiler: gcc.
▶ Menu generator
▶ Emulator, Simulator

Overall specification

Packaging
▶ Contained item : LMT-3000 body (No modem)
Battery pack
Charger
Manual
▶ Inner case : Semi-formed plastic
▶ Outer box : Reinforced paper box

Operating temperature
▶ Recommended : 0 ~ 50°
▶ Operable : -10 ~ 60° (Tested at each side about 30min)
▶ Relative humidity : 5% ~ 95%, no condensing

Outline dimensions
▶ Size : 178 x 80 x 43 (L x D x H mm)
▶ Weight : Max 350g(with battery)

Certifications
▶ EMV Level 1 certified IFM(Interface Module)
▶ EMV Level 2 certified