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# “ **LMT-3000** ”

*Mobile EFT POS Terminal !*

*No.1 Product with Embedded Linux Technology*

**Linudix Co., Ltd. ([www.linudix.com](http://www.linudix.com))**



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# I. Business Concept

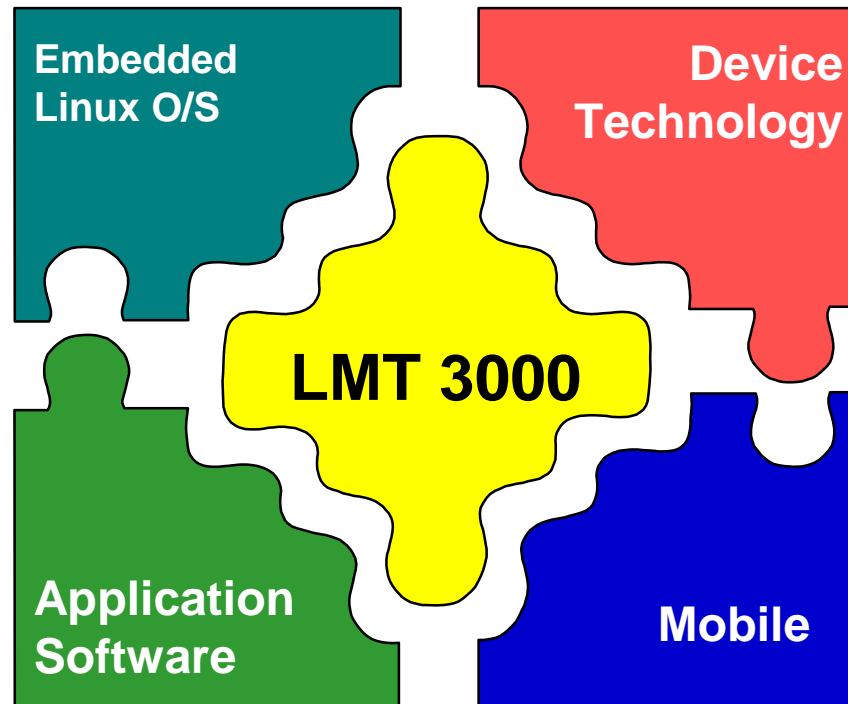
*Mobile EFT POS terminal, which is well adjusted in Mobile Commerce Era, can be not only using of electronic transaction but also communicating voice and character in anywhere, so it make it possible to create new opportunities of increasing sales.*



- Feature
  - Built in CDMA (GSM) module
  - Built in thermal printer
  - Using a credit/debit card and referring a check
  - Voice communication
  - SMS(Short message service)
  - Using the special card (Point card etc.)
- Much more reduced cost than wire POS (because of LMT 3000's speedy transaction Transaction time is 1/3 of wired POS)
- Create new opportunities to increase sales like delivery services, transportation etc.

## II. LMT-3000 Platform

*The heart of the LMT-3000 technological basis, which is economic and easy to use, are the development of embedded Linux O/S, device technology and application software.*



## III. Distinctive Features of LMT-3000

- *Create new sales opportunities and reduce costs.*

Communicate securely using CDMA or GSM! You can carry out transactions whenever you are and wherever you are.

- *Fast, Powerful, Reliable and Safe*

Using a 32-bit microprocessor and ample memory, the LMT-3000 completes transaction quickly and reliably. It meets security requirements for debit transaction. LMT-3000 is powered by a battery pack featuring a built-in charger so it can be recharged wherever it plugged.

- *Easy to use, easy to read and Built-in printing*

The terminal uses a back-lit display for easy to read in a day and night, and available of any language. The programmable keypad simplifies using and training. A built-in thermal printer provides fast, quiet, high quality receipts. This is a portable wireless terminal that have merchants complete transaction wherever their customers are. LMT-3000 will create new opportunities to increase sales and convenience while saving time and reducing costs.

## III-1. Distinctive Features of LMT-3000

*LMT-3000*

Mobile EFT POS  
With Mobile Phone



Subminiature, Sensitive and Wireless!

Telephone and SMS function

High Speed Thermal Printer

Quite and Reliable Thermal Printer

A great variety of Additional functions

Long lasting Lithium-ion Battery

Easy to Use and Standard Battery Charger

# IV. Product Composition of LMT-3000

\* Actual Weight: 350g (including Roll paper)

\* Actual Size : 175mm(H) × 77mm(L) × 40mm(W)

**Printer**

**Roll Paper**

**Card Reader**

**LCD Display**

**Key Pad**

**Earphone Jack**



**Antenna**

**Wireless Modem  
(CDMA(GSM) In inside)**

**Battery**

**IC Card slot**

## V. LMT-3000 Hardware Specification

CPU	206Mhz 32bit Intel StrongARM		
Flash ROM	8 MB ~ 32 MB	LCD	Mono, LED B/L 128 × 64 Pixels
RAM	16MB	communication	RS-232C CDMA / GSM
Input Device	Keypad with alternate functions / 21 Key		
Card Reader	Magnetic stripe	Buzzer	Key touch, Error, Telephone ring
Printer	Thermal Printer, Manual Cutting Paper Size : Paper width(60mm), Printing width(48mm) Printing Speed : 35~50 mm/sec		
Battery	Lithium Polymer 3.7V 1,800mAH Continuous Using : 30 hrs (without using printer)		

# V-1. LMT 3000 Hardware Specification

<b>Charging Adapter</b>	Battery Charging and condition Display Station Charging Type : On Machine or Battery In Charging : Red LED / Charging : Green LED Portable Adapter
<b>Display</b>	Korean : 8Char × 4Line / English : 16Char × 4Line Supporting LED Back Light Other Condition Display : Sensitivity of calling, Date, Time
<b>RTC</b>	While using CDMA(GSM) Module, Visual Data revision function Not using CDMA(GSM) Module, then running internal RTC Data *RTC = Real Time Clock
<b>CDMA (GSM)</b>	CPU and Serial I/F Supporting Phone Jack for a telephone call Calling : Press the Phone number then use with Phone Jack Receiving : Press the key button then use with Phone Jack

# VI. LMT 3000 Software Specification

Entry Information  
Downloading

Credit Card  
Approval  
& Cancellation  
(Swipe, Key In)

**Various Useful  
Additional function**

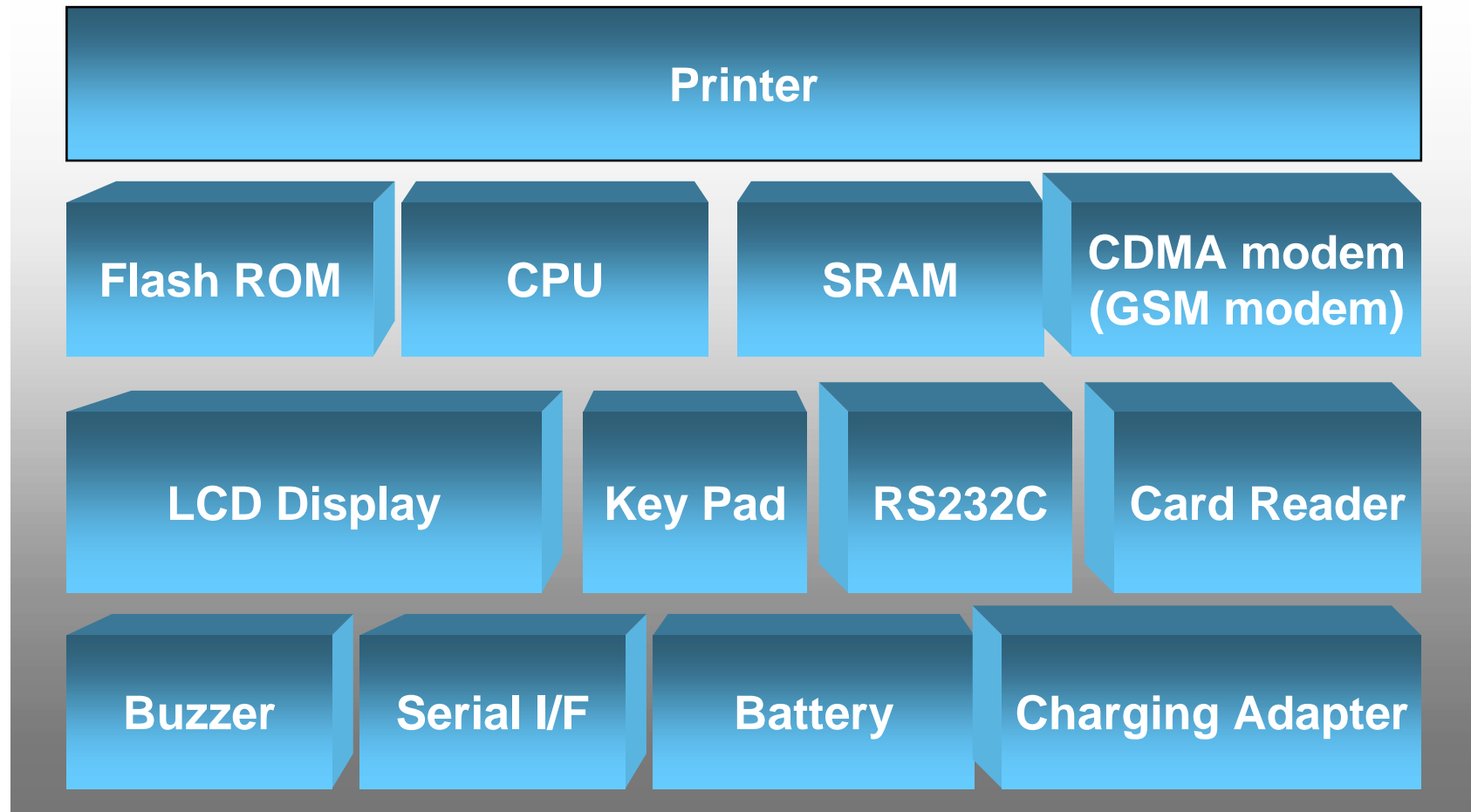


IC card  
Approval &  
Cancellation

Debit Card  
Approval &  
Cancellation

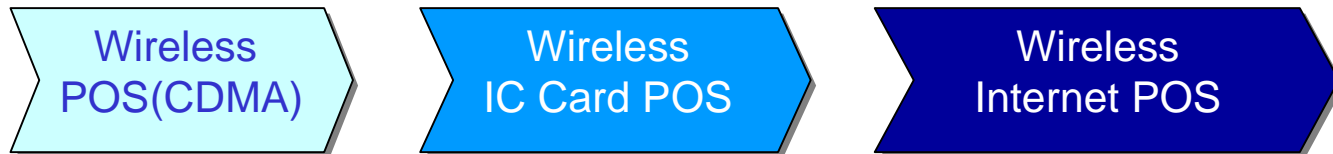
- Confirming Transaction
- Re-printing
- Balance Inquiry
- Calculator
- Account Inquiry
- Check Inquiry
- Cash Payment

## VII. BLOCK DIAGRAM



## VIII. Product Roadmap

*Wireless POS Terminal on the basis of the mobile commerce is on sale in KOREA using CDMA network. **LINUDIX** is developing a new terminal using GSM, CDPD, CDMA network and built in magnetic and IC card reader for overseas business.*



Time	Mar. 2001	Dec. 2002	Jan. 2003
Target Market	Domestic VAN	- Domestic IC Card Consortium - Foreign	- Domestic VAN - Foreign
Feature	- Credit card - Built in printer - Voice communication - SMS	- Using IC Card - GSM type	- 4' Color Display - Built in Browser - PIMS - On-line game

*Offers the State-of-the-Art  
Embedded Linux technology!*



For more information, please visit our homepage  
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