

Positron Mobile Lottery Terminal

The wait is over eGame Solutions, specialize in developing high-quality and innovative lottery solutions, has utilized our hardware expertise and capability, achieving the highest level of requirement to offer the world-class lottery terminal. With enhanced mobility and durability, Positron Mobile Lottery Terminal is specially designed to meet and exceed the market demands.

Truly mobile With ultra-high capacity rechargeable battery and compatibility with various communication protocols, Positron Mobile Lottery Terminal is an ideal solution for sales locations with inadequate landline availability, internet connectivity or power supply, allowing the sales of online lottery to be conducted in areas far from urban, or retails required high geographical mobility.

Positron Mobile Lottery Terminal is secure with:

- Fast encryption
- DES: compliant with ANSI X3.92, X3.106, X9.8, X9.9, X9.17, X9.19, X9.24
- DUKPT key management
- PCI PED compliant

Key features and benefits:

- Flexible modular design provides a wide variety of communication options, including GSM/GPRS (Standard), CDMA, Ethernet, sync/async PSTN, Wi-Fi, etc, providing an ideal and affordable solution
- Ergonomic and sophisticated design with LED backlit on a high pixel 240 x 160 LCD screen
- Rechargeable high capacity Li-ion battery will never interrupt your daily lottery operation
- Equipped with both magnetic stripe and EMV smart card reader for accepting different kinds of payment
- A high speed and easy loading thermal printer
- Preloaded with 16MB NOR Flash and SDRAM, provides a faultless working environment
- RS232 connectivity to interface with lottery accessories or peripherals, such as barcode scanner, optical mark reader, external keypad/keyboard, etc.
- Optional fingerprint module, adding another advanced security feature to enhance operation process



Secure and practical

Applying the same level of strict global security and communication standard in the financial sector, Positron Mobile Lottery Terminal is a truly reliable and highly secure device in the lottery operation. DES, Triple DES and RSA encryption capabilities safeguard all data in every single lottery transaction. Ergonomic, sophisticated and compact designs ease retailer's daily operation. Positron Mobile Lottery Terminal equipped with a high speed and easy loading thermal printer to ensure optimum lottery ticket sales and payout activities. It is ideal for indoor and outdoor lottery operation.

To utilize your lottery business operations and revenue, Positron can also:

- Accept card payments
- Conduct lottery sales
- Validate winning tickets
- Process lottery payout
- Handle loyalty transactions
- Print lottery information
- Other value added services

Specifications



Processor

- USIP - secure 32-bit RISC processor (MIPS32® 4KSD™) Technologies



Operating System

- Embedded Environment: Nucleus RTOS, C++ programmable



Memory

- 16 MB (Up to 32MB/optional) NOR Flash
- 16 MB (Up to 32 MB/optional) SDRAM
- 1MB (Optional 2MB) Battery backup SRAM



Display

- 240 x 160 pixel large graphical LCD
- White LED backlit



Communication

- Modular Communication Options:
 - GSM/GPRS: Quad-Band (Standard)
 - CDMA
 - LAN
 - Wi-Fi
 - PSTN: V.21, V.22 bis, V.22, Bell 212A
- RS-232 with additional 5V power pin
- USB OTG



Keypad

- White LED backlit secure PIN Pad
- 17 programmable keys
- 4-direction key for easy navigation



Working Environmental

- Operating temperature: 0°C to 50°C
- Storage temperature: -18°C to 66°C
- Operating Humidity: 0% to 90%, non-condensing



Physical

- Dimensions: 220mm (L) x 90mm (W) x 65mm (H)
- Weight: 619g



SAM

- Up to 4 SAM slots (2 Sync/Async and 2 Async)



Battery & Power

- 7.4 V, 2600 mAh Li-ion
- Backup Battery: high capacity lithium cell
- AC: 100 – 240V, 50/60 Hz



Peripherals

- Buzzer
- Three colour LED



Printer

- Paper roll size: 57mm (width), 38mm (diameter)
- Easy-loading thermal printer
- Graphics capacity
- High resolution printing (8 dots/mm)
- Up to 90mm/second printing speed



Security

- Fast encryption
- DES: compliant with ANSI X3.92, X3.106, X9.8, X9.9, -X9.17, X9.19, X9.24
- PCI PED certified



Magnetic Stripe Reader

- ISO 7811/2
- Track 1,2,3
- Bi-directional



Smart Card Reader

- EMV Level 1 & 2 certified
- ISO 7816



Accessories (Optional)

- Privacy Shield
- Hands free kit
- Handset kit
- Durable carrying case
- In-vehicle cigarette lighter charger
- RS-232 cable
- USB cable
- Landline telephone cable
- Separate charger
- Wall mount
- Barcode scanner
- Optical mark reader
- External impact printer
- Optional Fingerprint module
- Communication Module:
 - GSM/GPRS: Quad-Band (Standard)
 - CDMA
 - LAN
 - Wi-Fi
 - PSTN: V.21, V.22 bis, V.22, Bell 212A



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