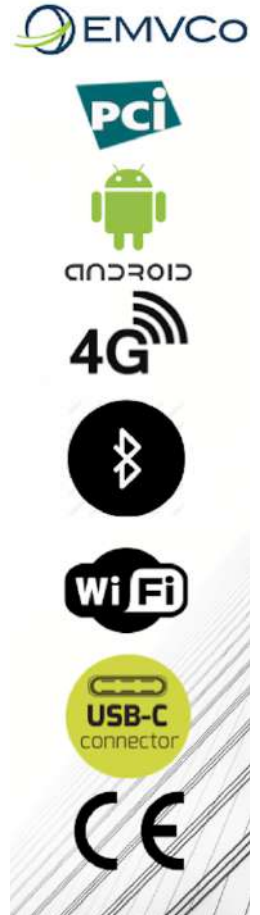




# SmartLottery

## Advanced the best Lottery Standalone solution



**SmartLottery** is a rugged and portable family of devices that combines the features of lotteries and pure POS (EMV-PCI). These terminals have a number of elements that make up the best Lottery Standalone solution, in price, quality and performance.

SmartLottery is a standalone device that combines multiple technologies to deliver a reliable solution, secure, robust and user friendly for the most demanding lottery sale environments.

It's most important technical characteristics give an idea of the versatility of this TPV-POS: ANDROID & LINUX OS, 5.5" to 3.5" Colour TouchScreen, fastest 64bits processor, Flash memory HDD, high-capacity SD external memory, alphanumeric keyboard, navigation keys, CMOS compact Barcode scanner, Text to speech converter, Payment system (EMV, PCI), Contactless and NFC, 4G-LTE communications, WiFi and Bluetooth, thermal printer compatible sizes (58/80mm), 24-bit stereo codec, headphones and microphone, durable battery, rugged IP54, GPS, Two speakers, (Global Positioning System), etc... It has an SDK (Software Development Kit) that enables third parties to develop solutions/applications SW with fully tested hardware, like a proprietary device.

## Technical and functional Specifications:

### CPU

Multimedia applications processor ARM Cortex-A53 1.8GHz or higher. Ultra-low-power OctaCore (Eight Cores) 64-bit processor. It also has a Graphical Accelerator Qualcomm® Adreno™ graphics processing unit (GPU) of 64-bits.

### Barcode Scanner

Image Sensor: 640 x 480 CMOS.  
Movement tolerance: 63.5cm per second.  
Rotational sensitivity: Omnidirectional.  
Ambient light conditions: Immunity in artificial light up to 1600 lux and sunlight up to 86,000 lux  
Different Bar Codes: Bi-dimensional, linear, Postal 1D, 2D: QR Code, Micro QR, DataMatrix, Aztec Code, Maxi code, PDF: PDF417, Micro PDF417.



### OS

ANDROID & LINUX GNU  
Java Virtual Machine SSL  
(Secure Socket layer)  
libraries.

### Text Speech Converter and ASR

Text Speech converter.  
Voice Recognition.

### Payment Systems

EMV Level1.  
EMV Level2  
Contactless payments.  
PCI Compliant.

### Magstripe Reader

Simultaneous 3 tracks (1/2/3).  
ISO 7811, Two ways reading.  
High Resistance: 1.000.000 readings.

### Memory

RAM: 512Mb to 2Gb.  
Flash: 4Gb to 16Gb.  
External SD Card reader for memory upgrade.

### Smart Card Reader

Landing Contact ISO7816 1,2,3, EMV level1.  
Protocols T = O and T = 1.  
High Resistance: 200.000 insertions.

### User Interface

Large 3,5" or 5.5" Display IPS HD Full Colour.  
Touch Screen panel. Signature Capture.  
Keypad with 24 keys: Numeric, Function and Navigation keys.  
Backlight regulated.

### Contactless and NFC

ISO 14443-4 Mifare.  
Mastercard PayPass.  
VISA PayWave.  
American Express ExpressPay.

### Printer

Thermal Printer, High Resolution, 576 dots/line.  
Speed 80 mm/s.  
Double type of paper: 58mm and 80mm.

**Customer Display**, integrated and external.

### Bet Slip Scanner

Integrated optional accessory for positioning of the bet slip sheet on the barcode reader.

### Security and ruggedness

WLA Security and Risk Management SRMC.  
IP54.  
Anti-Shock Protection: 1,5 meters.  
CE on Electromagnetic Compatibility.

### Communications

GSM/GPRS/EDGE/UMTS/ 4G LTE Quad band  
WiFi, Bluetooth 4.0 BLE.  
GPS.  
USB 3 and 2.0 (Host and OTG).  
Optional: Ethernet 10 Base-T (10Mbps).

### Terminal Management System (TMS)

Software Download Remote.  
FTP, HTTPs.

### Multimedia Functionality

Microphone and Headphone.  
Stereo Codec 24bits, Quality: 90dB SNR O- 20KHz.

### Power Supply

Li-Ion Battery: 4,5 Ah at 7,4 Vdc (33Wats/h).



Autonomy: > 12 hours.  
Fast Charge Mode: <90 minutes.  
AC Power Adapter.