mPOS Payment Device
xCE_E100

Made for
iPhone iPad

Windows® Embedded Partner

pci 3.x | EMV L1&L2

xCE-E100 leverages the SAIOSE Global Secure Payment Platform to create a (MSR, EMV, PIN, NFC, Printer) mobile payment peripheral designed to work with a variety of smart devices that support mobile payment transactions.

**#Departmentstore #Shoppingmall
#Restaurant #Cafeteria**

SPECIFICATIONS

CPU
- 32 bit RISC ARM 9 processor(400MHz)

Operating System
- WinCE 6.0 Core (SDK for C++ and .NET available)

Memory
- 128MB Flash and 64MB SDRAM

Display
- 128x32 graphics LCM
- Backlight (optional)

Security
- Algorithm: TDES, AES, RSA, FPE(AES FFX)
- Key Management: MK/SK, DUKPT
- Secure Code Update Architecture

Certification
- PCI PTS3.x
- EMV4.x L1 & L2 approval

Magnetic Stripe Reader
- ISO 7811 compliant track 1 & 2 MSR
- JIS II + ISO track 1 & 2 support (optional)
- Supports over 1M swipes

Smart Card Reader
- Supports ISO7816-1/2/3 compliant Asynchronous Card protocol T=0, T=1, and SLE4442 Memory Card (1.8V/3V/5V available)
- Optional support for 1 SAM
- Supports 500K insertions

NFC/Contactless Reader:
- Supports ISO14443 type A/B, Mifare
- PayPass, PayWave, Discover Zip, AMEX ExpressPay
- Supports NFC (ISO18092) (optional)
- Supports Felica (optional)

Communication
- Bluetooth2.1+EDR or WiFi (802.11 b/g/n)

Thermal Printer
- 48mm printer Width on 58mm paper Width

Expansion Ports
- Mini USB x 1

Power Requirement
- 7.4V Lithium Ion Battery

Dimension
- 167 (L) x 78 (W) x 34 (H) mm

Environmental
- Operating Temperature : 0°C to 45°C
- Storage Temperature : 20°C to 60°C
- Battery charging: 0°C to 40°C
- Operating Humidity : 5% to 95% (non-condensing)

Accessory
- Charging Docking Station