

mPOS Payment Device

xCE_E100















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

CPI

- 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

Founded in 1993, XAC (TAIWAN OTC Securities Exchange 5490) is a leading R&D/Manufacturing company focused on transaction automation devices. XAC develops key component modules and low-cost secure platform architectures that can be leveraged to design customized solutions for its customers/partners. Today, XAC's technology can be found in cost-effective POS terminals, high-end countertop payment devices, Electronic Cash Registers (ECRs), wireless "pay-at-the-table" devices, multi-lane consumer activated terminals, outdoor payment terminals, PIN pads, Smartcard peripherals, RFID readers, gaming machines, cashless ATMs, klosks, and countless other solutions. With a flexible and efficient manufacturing infrastructure, "in-house" key components, modules, and technical design expertise, XAC delivers cost-effective, high-quality solutions to customers in a timely manner. For more information about XAC, please visit https://www.xac.com.tw.