

E35 mPOS Payment Device











E35 is designed to work with a variety of smart phones and tablets in Wifi or Bluetooth interface for PIN entry with **MSR and EMV Contact and contactless** based transactions.

SDK is available for L3 development. **Cloud DMS(Device management system** (TMS/RKI/Diag.)) is available for PLM management efficiently.

grocerystore #cafeteria #streetpedlar #restaturant #vendingmachine

SPECIFICATIONS





- ARM Cortex M3 Secure SoC

Operating System

- RTOS

Display

- LCM: 128*32 graphics with Backlight

Encryption Pinpad

- 3x5 rubber keypad

Smart Card Reader

- ISO7816-1/2/3 compliant
- SLE4442 Memory Card (1.8V/3V/5V available)
- Over 500,000 card insertions
- SAM slot x1 (Optional)

Magnetic Stripe Reader

- ISO 7811 track# 1/2/3
- Support high coercivity cards
- Bi-direction read
- Over 500,000 card swipes

Contactless Reader

- ISO14443 type A/B, Felica
- ISO18092 (NFC)
- MiFare

Certifications

- PCI PTS 6.x with SRED
- EMV Contact L1 & L2
- EMV Contactless L1
- PayPass, PayWave, DPAS, ExpressPay, Mastercard TQM
- Sony Felica compliant

Communication

- Model #1: Bluetooth BLE
- Model #2: Wifi 802.11 b/g/n

Security

- Algorithm: DES, TDES, RSA
- Key Management: MK/SK, DUKPT
- Secure Code Update Architecture

Battery

- Li-Ion Battery (3.7V)
 - 650 mAH
 - 1050 mAH (Optional)
- EMV contact transaction: 200 times
- NFC contact transaction: 150 times

Interface Port

- USB-C 2.0

Button

- Power Button *1

Power Source

- 5V/2A

Dimensions

- 103 (L) x 69 (W) x 20 (H) mm

Environmental

- Operating Temperature: 0°C to 45°C
- Storage Temperature: -20°C to 60°C
- Operating Humidity: 5% to 90% (non-condensing)

Compliance

- PCI PTS 6 SRED
- EMV L1/L2 Contact
- EMV L1 Contactless
- EMV Contactless payment schemes

Regulatory Certificates

- CE, CB, cTUVus
- FCC Part 15B
- VCCI & MIC compliant
- ROHS, WEEE, REACH

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, kiosks, 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 http://www.xac.com.tw.