

# **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**

#### CPU

- 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,
- ISO18092 (NFC)
- MiFare
- Felica

#### 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 <u>http://www.xac.com.tw</u>.