

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, 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