

mPOS Payment Device

xCE_E50 series



xCE_E50 series, designed to work with a variety of smart phones and tablet PC's for secure payment transactions, provides a portable mobile payment solution with the competitive cost for different user demands.

grocerystore #cafeteria #streetpedlar #vendingmachine



SPECIFICATIONS

CPU

- ARM Cortex M3 Secure SoC

Operating System

- Saturn platform

Encryption PIN Pad

- Built-in 4x3 encrypted PIN Pad

Smart Card Reader

- ISO7816- 1/2/3 compliant
- Over 500,000 card insertions

Magnetic Stripe Reader

- ISO 7811 with tracks #1/#2 (Track #3 is optional)
- Support high coercivity cards Bi-direction read

Security

- Algorithm: TDES, RSA, AES, FPS
- Key Management: MK/SK, DUKPT
- Support online/offline transaction

Communication Interface

- micro USB * 1
- Audio Jack (**E-50-AJ** only)
- Bluetooth BLE (E-50-BT only)

Power

- Li-Ion Battery (3.7V/ 260 mAH)

Dimension

- 64 (L) x 67 (W) x 19 (D) mm

Environmental

- Operating Temperature: 0°C to 50°C
- Storage Temperature: -20°C to 60°C
- Operating Humidity: 5% to 95% (non-condensing)

Common Approvals

- PCI PTS 3.x SRED
- EMV L1/L2 Contact

Compliance

- CB
- CE
- FCC Part15B

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 https://www.xac.com.tw.

High Performance, Reliable, Cost Effective



Comparison Table

✓ : Yes	.m.	·FR-
×:NA	1 2 3	1 2 3 4 5 6
♦: Optional	7 8 9 0 00 XAC	7 8 9
	1	2000
Model	E50-AJ	E50-BT
CPU: ARM Cortex M3 Secure SoC, 72MHz	✓	✓
Pinpad (4x3 encrypted PIN Pad)	✓	✓
Magnetic Stripe Reader :		
- Support high coercivity cards & Bi-direction read	Track 1 & 2	Track 1 & 2
(3 Track is optional)		
Smart Card Reader		
 ISO 7816 1/2/3, Asynchronous T=1 & T=0 Support for 3V and 5V cards (Class A and Class B cards) 	√	V
Bluetooth	×	<i></i>
(Bluetooth 4.0 & BLE)	^	•
Audio Jack / cable	√	×
(Support iOS/ Android/ Windows smart devices)		
Micro USB	✓	✓
Housing Treatment with Rubber Paint	•	*
Power : Li-lon Battery (3.7V)	260mAh	260mAh
Security	 Key management MK/SK, DUKPT; Algorithm: TDES, RSA, AES, FPS Tamper responsive design 	
Certifications	PCI PTS 3.x (SRED) P2PE	
	EMV L1 & L2	
Dimension	64 (L) x 67 (W) x 19 (D) mm	
Environmental	 Operating Temperature: 0 ℃ to 45 ℃; Storage Temperature: - 20 ℃ to 60 ℃; Operating Humidity: 5% to 95% (non-condensing) 	