

# **SECURE HYBRID READER P90**

XAC's manual insertion Secure Hybrid Reader (P90) is designed to meet PCI PTS 3.1 requirements. The P90 protects cardholder data through its physical and logical Security design and is ideal for most unattended payment applications like gas pumps, parking meters, vending machines, kiosks, and a variety of other solutions.

#vendingmachine, #bank, #ATM, #cafeteria, #parkingmeter, #gaspump, #unattendedservice, #ticketing, #transportation, #gamimg, #kiosk





## **SPECIFICATIONS**

### CPU

- 32-bit RISC Processor (72MHz)

#### Security

- PCI UPT and PED 3.x compliant design
- Algorithm: 3DES, RSA
- Key Management: DUKPT
- Mutual Authentication
- Message Encryption

- Support PCI compliant Load Key process

#### **Magnetic Stripe Reader**

- ISO 7811, AAMVA compliance
- 3 tracks MSR with bi-directional -
- reading capability
- Magnetic Head Life: tested to over 1 Million swipes

#### **Smart Card Reader**

- EMV L1 approval, support T=0 & T=1 type
- Support for up to 4 SAMs (optional)

#### Interface

- USB or RS232

#### Sensors

- Card-Insertion Sensor
- Card-Ready Sensor
- Wake-Up Sensor (RS232 interface only)

#### **Power Requirement**

- 5V~40V@500mA DC (RS232 interface)
- 5V@500mA DC(powered by USB interface)

#### Dimension

- 92.35(L)×108.6(W)×121.5 (D) mm

#### Environmental

pci

3.1

- IPx4-rated outdoor design (Front side)

EMV

- Operating Temperature: -20°C to 60°C
- Storage Temperature: -40°C to 70°C
- Operating Humidity: 5% to 95% (non-condensing)

#### Accessory

- Indoor adapter
- USB or RS232 Cable

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 counters olutions. 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>.