



SMART CARDS & SMART CARD OPERATING SYSTEMS

# ACOS10

## PBOC2.0 EDEP Payment Card

The ACOS10 EDEP payment card is powered by the ACOS10 card operating system, which is compliant with ISO 7816 parts 1-4 and allows users to write multiple applications in one card. As such, the ACOS10 card is the best choice for providing a very flexible and cost-effective payment solution to developers, and a convenient platform to end users.

The ACOS10 received the People's Bank Of China (PBOC) 2.0 certification after passing a series of stringent tests, including electrical, mechanical, reliability, and secure command and transaction testing. PBOC 2.0 is a national standard in China, and is very similar to the international payment standards – EMV 2000.

The ACOS10 is applicable for various transactions such as:

- Credit and Debit
- Purchase
- Cash withdrawal
- Balance inquiry
- Transaction log review

For more information, please contact [info@acs.com.hk](mailto:info@acs.com.hk).

### Smart Card Features

- ✓ Contact Interface: T=0
- ✓ Contactless Interface: T=CL
- ✓ 32 KB Memory (Contact)
- 8 KB Memory (Contactless)
- ✓ Anti-Tearing

### Cryptographic Capabilities

- ✓ DES, 3DES
- ✓ Secure Messaging
- ✓ FIPS 140-2 Compliant Random Number Generator

### Certifications / Compliance

- ✓ ISO 7816 – 1/2/3/4 (T=0 Only)
- ✓ ISO 14443 (Type A Only)
- ✓ PBOC 2.0 e-Purse/e-Deposit (China)

### Customization

- ✓ SIM-Sized (Contact)
- ✓ PVC/PET/PC/ABS
- ✓ Hi-co/Lo-co Magnetic Stripe
- ✓ Color Printing
- ✓ Signature Panel/Barcode



### Common Applications

- e-Government
- Banking & Payment
- e-Healthcare
- Access Control
- Network Security
- e-Purse & Loyalty

