

- Hardware Security Module



SJJ1802

Financial Data Encryption HSM

Product Functions

Algorithm Support

- SM1/ SM2 / SM3 / SM4
- DES / 3DES / AES / RSA / SHA* / MD5

Technical Support

- Management of key generation, distribution, replacement, backup, recovery, storage, destruction, etc.
- Data hardware encryption and decryption of multiple algorithms and modes (ECB, CBC)
- MAC / TAC generation and verification
- Digital signature and verification of SM2 and RSA algorithms
- Certificate management, support certificate application message generation, certificate import, backup and recovery, etc.

Product Features

High Compatibility

- Full range of algorithms
- Compatible with the mainstream key system

Reliability

- The hardware and software architectures adopt redundancy design
- Support cluster management
- MTBF = 10,000 hours

Multiple Ports

- Provide multiple physical transaction ports (gigabit network port, USB2.0 port)

Convenience

- Compact size, suitable for security of clients

Security

- Secure and reliable key protection mechanism to support the emergency destruction mechanism

Successful Cases

