UIC

SPAD001

Encrypted Key Pad with MSR and EMV Reader

The SPAD001 is an encrypted tactile keypad with a MSR and EMV reader that offers a complete and secure solution. This device delivers unmatched card-reading performance while encrypting personal MSR, EMV and key-in data (card not present) that drastically lessens the PCI-DSS scope.

The SPAD001 ensures that all data transaction information is well protected from the moment of entry to the decryption parties. SPAD001 supports TDES data encryption using DUKPT key management. Other encryption algorithms, such as AES, RSA and ECC scheme, are also available.

Features and Benefits

- Supports TDES and AES encryption algorithms. DUKPT key management scheme
- Supports encryption of magnetic stripe data and manually keyed-in card numbers
- Supports encryption of EMV card data EMV L1 and L2 certified and ready for L3 integration.
- Features an ergonomically designed form factor with complete tactile feel for 10-key data entry operations
- Utilizes USB port power
- Provides 2 x 20-characters on a backlit LCD display

Retail   Hospitality   Banking   Telecom   Health Care

SPAD001

UIC

Specifications

ELECTRICAL	
Power Requirements	+5.0 VDC, 300mA
Interfaces	USB-KB and USB-HID

MECHANICAL	
Dimensions	7″ x 4.125″ x 2.5″ (178mm x 105mm x 63.5mm)

ENVIRONMENTAL	
Operating Temperature	14°F to 131°F (-10°C to 55°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Humidity	5 to 95% non-condensing

RELIABILITY	
Operating Life	10M Keystrokes, 1M MSR Swipes, and 500K EMV Inserts
MTBF	100,000 hours
ESD Immunity	8 KV to 15 KV

APPROVALS

PCI-SRED, EMV L1, EMV L2, TQM, FCC class B and CE

MSR + EMV Reader in One Unit!

EMVCo   RoHS COMPLIANT   FC

UIC - USA
47341 Bayside Parkway, Fremont, CA94538, USA
Tel: 510-438-6799 Fax: 510-438-6790
info@uicworld.com

UIC - Taiwan
1F, No.1, Ln 15, Ziqiang St., Tucheng Dist., New Taipei City 236, Taiwan.
Tel: 886-2-2268-7075 Fax: 886-2-2269-5686
salessupport@uniform.com.tw

UIC - Australia Pty Ltd
38 Ricketty Street, Mascot, NSW 2020 Australia.
Tel: +61 2 9078 7808
saleinfo@uicworld.com