UIC

Advanced PIN Pad

PP790SE

- Versatile payment PIN pad
- PCI, EMV, Interac approved for secure transactions
- User friendly ergonomics
- Rugged and durable
- Ideal for retail and financial applications

SECURITY | PINPAD | BACKLIT DISPLAY

SMARTCARD | MAGSTRIPE

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Ready for Today

UIC's PP790SE is a versatile payment PIN pad offering integrated magnetic stripe and smart card readers. With advanced features such as multiple languages and user friendly ergonomic design, the PP790SE is the right solution for retail or financial environments.

Security Standards

The PP790SE meets advanced security standards: Interac, PCI, and EMV certification. Users can be assured that their financial and personal information is secure.

Payments for All

Whether the requirement is for PIN entry, magnetic stripe, or smart card payments the PP790SE offers the best of all worlds. PCI approval, EMV and Interac certifications ensure your PIN pad applications run in a secure and standard environment.

PP790SE

Advanced PIN Pad

FEATURES AND BENEFITS

Advanced Security

PCI, Interac, EMV approved, the PP790SE meets the highest levels of security to ensure transactions are processed in a secure environment. PINs are protected using Triple DES, Master/Session or DUKPT. Software is secured using RSA, AES and SHA-1.

SPECIFICATIONS

Electrical	
Processor	32-bit processor with MMU
Memory	2 MB Flash; 256 KB SRAM
Magnetic Card Reader	ISO 7811 and AAMVA; triple track reading
Smart Card Reader	ISO 7816, EMV card / T=0 & T=1
SAM Module	0 or 3 SAM modules
Mechanical	
Housing	PC+ABS UL 94V-0
Dimensions	(L)168 x (W) 100 x (H) 48 mm
Weight	Approx. .84 lb. (380g)
Display	4x16 chars or 128x64 graphics LCD, backlight
Keypad	16 keys; 3 programmable keys included
Environmental	
Operation Temperature	0°C to 40°C
Storage Temperature	-18°C to 65°C
Relative Humidity, non-condensing	10% to 90%
Interface	
Communications	RS232 (1,200-115,200 bps) or USB 2.0
Power Requirements	
Power Supply	5v DC, 200mA (Typ)

Agency	FCC/CE Class B, RoHS
Security	
PCI	PCI 2.1 approved for on-line and off-line
EMV	Level 1 and Level 2 certified
Interac	TSTR 2.0
Encryption Methods	DES, TDES, RSA, AES, MAC and SHA-1
Key Management	Master/Session and DUKPT (ANSI X9.24)
MAC Generation	ANSI X9.19
Encrypting PIN Block	ANSI X9.8 format
Performance	
Magnetic Card	Operating Speed 5 IPS to 40 IPS
Smart Card	Supports 3V and 5V card types
Software Compatibility	
Online PIN Entry Request	Compatible with PP690 with optional input timeout setting
Display String	4 lines (maximum 64 characters)
Smart Card Direct Access	Yes
EMV Lv2 Transaction	Yes
Custom Application	Yes with 6 language support

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contactless module specification

SPECIFICATIONS

Electrical	
Processor	32-bit processor
Commumication	RS232
Prower Requirement	+5VCD (±10%)
Mechanical	
Dimensions	(L)216 x (W) 123 x (H) 60mm
Weight	Not exceeding (600g)
Material	PC,94V-0

AGENCY Approval	
Rating	FCC/CE Class B
Features	
	Contactless communication at 13.56MHz
	Supports all layers of ISO1443 Type A&B communication scheme
	Supports NXP MIFARE Card application

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