PP791

Versatile Countertop PINpad Payment Device

The PP791 is a highly versatile countertop PINpad payment device that conforms to PCI, Interac, EMV standards and meets the highest levels of security by encrypting every transaction using Triple Data Encrypted Standard (TDES), Advanced Encryption Standard (AES), Rivest, Shamir, Aldeman (RSA) Standard, Secure Hash Algorithm-1 (SHA-1) and Derived Unique Key Per Transaction (DUKPT) key management and Message Authentication Code (MAC).

It is a magnetic stripe reader, Chip and Pin reader, contactless reader and is hardware ready for Near Field Communication (NFC).

Features and Benefits

- Versatile Payment PIN Pad
- Integrated Magnetic stripe ,IC card reader and Contactless reader (NFC ready)
- Ethernet or Wifi+Bluetooth Integrated
- High Performance and Security
- EMV Level 1 & Level 2, PCI 3.1 and TQM

Retail   Banking   Hospitality

PP791

UIC

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With the demands of retail and banking, the PP791 was designed to make it as secure as possible for the user. It deploys a powerful 32-bit processor and has up to three Secure Access Module (SAM) sockets to enhance the security and cryptography performance. To ensure it can communicate with any Point of Sale (POS) Terminal, it comes with USB, RS-232, 10/100Mbps Ethernet, WiFi and Bluetooth (optional) interfaces.

Specifications

MECHANICAL

Dimensions:	L :173 mm x W: 87 mm x D: 43 mm
Weight:	320g
Display:	2.7" color LCD 320x240 pixels with backlight
Keypad:	16 keys ; 3 programmable function key included

ENVIRONMENTAL

Operating Temperature:	0°C to 40°C
Storage Temperature:	-20°C to 70°C
Operating Humidity:	5 to 95%
Storage Humidity:	5 to 95%

AGENCY APPROVAL

FCC Class B / CE Class B

SECURITY REQUIREMENT

PCI:	PCI 3.1 approved for on-line pin and off-line pin
EMV:	Level 1 and Level 2 certified
Contactless:	MasterCard PayPass, VISA payWave. Discover D-PAS, American Express ExpressPay

ELECTRICAL

Processor:	400MHz 32-bit processor
Memory:	4GB eMMC Flash ; 64MB SDRAM
Magnetic Card Reader:	IS0 7811; triple track reading
Smart Card Reader:	ISO 7816, CPU card / T=0 & T=1
SAM Module:	0 or 3 SAM modules sockets
Contactless:	Build-in Contactless module; supports all layers of ISO14443 Type A&B communication scheme; H/W ready for NFC
Communication:	USB, RS232, USB + Power, Powered RS232; 10/100 Base-T Ethernet or WiFi+Bluetooth(optional)
Power:	Power: 5V~12V, 500mA

PERFORMANCE

Magnetic Card Operating Speed:	10 IPS to 40 IPS
Smart Card:	Supports 3V and 5V card types
Encrypting PIN Block:	ANSI X9.8 format
Encryption Methods:	TDES, RSA, AES, MAC and SHA-1
Key Management:	Master/Session and DUKPT (ANSI X9.24-2002)
Magnetic Head Life:	1,000,000 Swipes

RoHS COMPLIANT   **EMVCo**   **PCI**

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