

Personal ID Number Pad



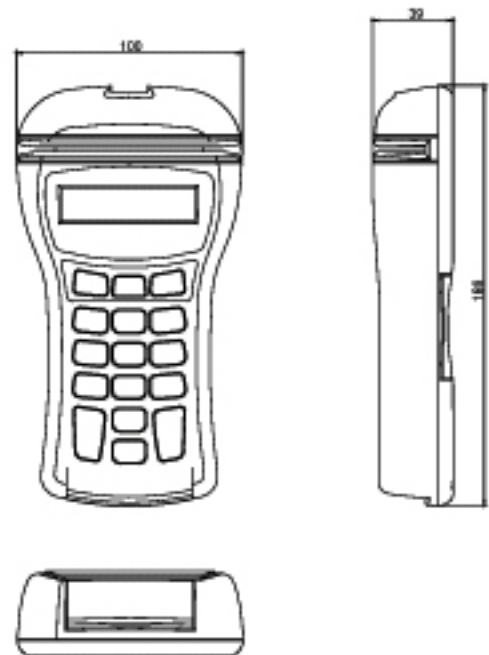
PP690 Series

- VISA PED certified
- Privacy shield option
- EMV 2000 Level1 compliance
- Support DES/Triple DES encryption, with Master/ Session and DUKPT Key Management
- Encrypts PIN blocks in ANSI X9.8 format
- Generates Message Authentication Code (MAC) in ANSI X9.19 standard
- Magnetic and IC card reader option

Personal ID Number Pad



PP690



Privacy shield option

Specification	
Electrical	
Power Require	+5VDC \pm 10%, (9VDC option)
Power Consumption	45mA (Typical)
Power Supply	120VAC/9VDC, 1A ; USB port
Communication	Standard RS232 signal level
Ripple	50mVp-p or less
Dielectric Strength	500VDC for 1 minute
Mechanical	
Housing Material	PC UL 94V-0
Weight	Approx. 360g
Dimension	100 L x 186 ^H x 39 ^H mm
Display	LCD, 2 line x 16 characters
Keyboard	16 keys : Soft touch rubber pad
Environment	
Operation	0 to 40°C, 10 to 90% humidity
Storage	-30 to 70°C, 10 to 90% humidity
Agency Approval	
Rating	FCC class A, CE class A, BSMI
Key Management	
	Master/Session Key and DUKPT (conform to ANSI X9.24-2002)

Model Configuration		
Model	Interface	Card Type Support
PP690-RP	RS232	--
PP690-RM		Magnetic Card
PP690-RI		IC Card
PP690-RH		Hybrid Card
PP690-UP	USB	--
PP690-UI		IC Card
PP690-UM		Magnetic Card
PP690-UH		Hybrid Card

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