

PP60

Pinpad



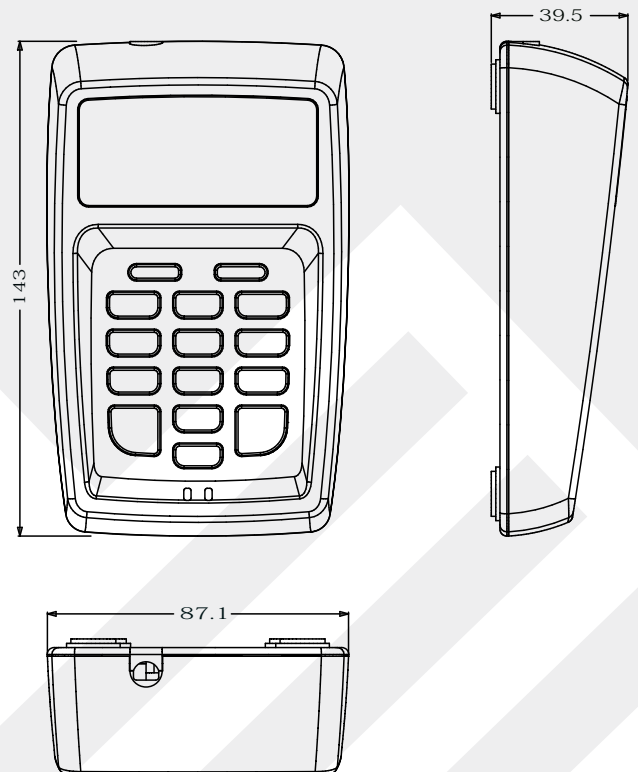
The PP60 is a PINPAD which passed the PCI authentication from a PCI SSC appointed lab. It has an innovative design, superior performance and is compact and lightweight, keeping the information safe.

The Newland PP660 encryption keyboard uses the design to prevent exploring and attacks. The special configuration and physical defense design averts the inside information to be stolen and/or changed. It uses the MK/SK encryption key management system and has an input PIN and MAC decipher.

Product Features

- Powerful security CPU
- PCI 1.3 approved, DES/TDES/AES, tamper-resistant design
- Retain sensitive data more than 5 years without external power
- LCD display with backlight
- Robust industrial-class design
- CCC, EMC, ISO 9000/9001/14000 approved
- Buzzer/Operation Environment/Power Consumption tests approved

Dimensions (mm)



Models

Config. Model	PS/2	RJ11	Descriptions
PP60A	√		Connection interfaces use RS232 protocol. PS/2 is standard. RJ11 interface (6 pins) only for Newland POS 8510. Other interfaces are customizable.
PP60B		√	



CPU		Security CPU, AT91SO100
Memory		Standard 256KB, up to 16MB
Interface	PS/2	
	RJ11	Baud rate 9600 bps
Security	Certifications	PCI 1.3 approved, tamper-resistant design, Encryption keys & sensitive data self-destruction
	Algorithm	DES/TDES; PIN entry encryption; MAC computation; data encryption/decryption; AES 128-192-256 (expandable); SHA-1, SHA-256 (expandable); RSA, DSA (expandable)
Data Retention		Retain more than 5 years without external power
Display		122 * 32 pixel graphic LCD display with LED backlight
Keys	10 numeric keys, 5 function keys (Customizable)	
	Life-span	Over 2,000,000 press
	Pin entry pressure	2~3N
	Key pressing travel	No less than 0.45mm
	Material	Engineering rubber
Shield Material		Engineering plastics, shield is optional
Dimensionst		141mm(L) * 84.5mm(W) * 38mm(H)
Weight		400g
Environment	Operating	Temperature 0°C~ + 40°C
		30%~90% R.H (non-condensing)
	Storage	Temperature -25°C~55°C
		25%~95% R.H (non-condensing)
Air pressure	60~106Kpa	
ESD		±12kV Air Discharge, ±8kV Contact Discharge
Dropping Conditions		1.2M, Satisfy GB/T-9813-2000
MTBF		6000 hours
Certificates	PCI, EMC, CCC, ISO 9000/9001/14000, buzzer/operation environment/power consumption tests approved	