PIN Pad

iPP320/350

Customer convenience retailers can rely on

Ingenico reveals a market-beating PIN-Pad solution for retail. Covering every possible payment method including contactless and mobile phone (NFC), it offers true convenience for shoppers. Boasting secure transactions, extensive communication technologies and a plug-and-play installation, this compact retail PIN-Pad is an unmatched, innovative solution; speeding up transactions and answering customers' needs across the board.

ingenico®

PIN Pad

iPP320/350

Security

Built around Ingenico's industry-proven, highly secure core, the iPP320/350 provides assured secure data and application management, and the ultimate in secure transactions for retail. Fully EMV and PCI PTS V2 certified and supporting the latest international security algorithms (DES, TDES, RSA, DUKPT and Master/Session), the iPP320/350 series features an optional PIN privacy shield for additional peace of mind.

Performance

The iPP320/350 makes fast-paced transactions a reality. Ingenico's Telium2 architecture and its EMV level 2 kernel enable this PIN Pad to process powerful cryptographic algorithms at high speed. Tamper-resistant and tamper-responsive, it increases the security and versatility of your payment system, providing additional confidentiality at the PIN entry stage.

Design/ergonomics

Lightweight and stylish, the iPP320/350 series ensures ease-of-use. Its large 16-key backlit ergonomic keypad – complete with menu and navigation keys – and crisp LCD display makes PIN-entry and option choice effortless. Delivering true payment versatility, it features a high performance EMV smart card reader, a magnetic card reader, and an optional PayPass®- and PayWave®-embedded contactless reader.

Communications

This all-in-one PIN pad provides an array of connectivity options. From powered serial and USB ports to Ethernet connection interfaces, it delivers truly impressive integration capabilities.

Software development

Ingenico delivers incremental revenue today and future proofs the terminal investments of tomorrow. Uniquely, the iPP320/350 series is backwards compatible with all 800+ Ingenico Telium services and applications, while providing the rapid development environment on which to build a compelling portfolio of targeted, new generation services.

Field Services

To reduce total cost of ownership and enable banks and merchants to maximize their terminal investments, Ingenico provides a comprehensive range of terminal and software update and management services – both remotely and in the field. Fully certified professionals and local language helpdesks operate in every territory to ensure Ingenico is on hand to support customers 24 hours a day, seven days a week, 365 days a year.

NAME			IPP 320	IPP 350
Processor	Main processor	Thunder (ARM9), 450 MIPS	●	●
	Crypto processor	Booster (ARM7), 50 MIPS	●	●
Memory	Internal	128 Mbytes Flash, 16Mbytes SDRAM	●	●
	External	µSD supporting up to 8G	●	●
OS		Telium 2	●	●
SAM slots		3	●	●
Card Reader(s)	Magnetic stripe	Triple track	●	●
	Smart card	EMV L1, 500 000 insertions	●	●
	Contactless	Optional integrated reader	●	●
Display	Color	TFT Color display QVGA 2.7" (320 x 240) 4096 Colors		●
	Monochrome	LCD 128 x 64, white backlit	●	
Keypad		15 keys, raised Marking, Backlit	●	●
Audio		Powerful buzzer	●	●
Connectivity	USB device	USB2.0 - Device	●	●
	Serial	RS232	●	●
	Ethernet	10/100 BT	●	●
	Tailgate	Factory option	●	●
Power supply	Powered USB	5V 500 mA	●	●
	Powered RS 232	5V or 12 V	●	●
	Powered Ethernet	POE Compliant with 802.3af	●	●
	External power supply	Option	●	●
Size		168 x 83 x 40 mm	●	●
Weight		267 Grs	●	●
Environment	Operating temperature	5° to +45°C	●	●
	Storage temperature	-20° to +70°C	●	●
	Operating humidity	85% HR to +55°C	●	●
Optional Privacy shield	PCI Compliant	Additional or factory mounted privacy shield	●	●
	ZKA Compliant	Factory option	●	●
PCI Pin transaction security		PCI PTS V2 certified	●	●

www.ingenico.com

ingenico
beyond payment