



▶ iPP320 PIN Pad

▶ Put the power of secure PIN entry directly into the purchaser's hands

Even the most customer-focused merchants often struggle to appear as technologically up-to-date as their larger competitors. Now, banks and other merchant services providers can offer independent merchants a customer-facing payment terminal that pairs with Ingenico's standalone countertop devices. Merchants get effortless access to a full menu of payment applications, and consumers gain the added assurance of PIN protection and privacy.

The elegant customer-facing iPP320 is the easiest-to-install PIN Pad on the market. Its unique add-on design, used in conjunction with iCT250 or iCT220, gives merchants the ability to seamlessly accept PIN-entry and contactless payments through a proven plug-and-play device. Lightweight, compact and self-contained, the iPP320 plugs directly into the merchant's existing payment system or Ingenico countertop device for simple installation and instant integration. For merchants and consumers alike, iPP320 is easy to use, streamlines payment, and improves the overall purchase experience. Because the card never leaves the customer's hands, transactions are fast, private, convenient and secure.

With integrated Telium2 architecture and a wealth of connectivity and features, Ingenico's iPP320 accepts all existing forms of electronic payment, including contactless, magstripe, Chip & PIN, and mobile/NFC; is fully EMV and PCI PTS V3 certified; and supports the latest international security algorithms.



Security

Smartcard

Magstripe

Contactless



As the industry leader in payment technology, **Ingenico offers solutions that maximize security and performance, while adding real value for banks, acquirers and processors and the merchants they serve.** Ingenico's iPP320 is the most convenient and reliable customer-facing payment device on the market today.

Proven security

Ingenico's industry-proven core technology ensures that **the iPP320 delivers the ultimate in secure data transmission and application management.** Fully EMV and PCI PTS V3 certified, iPP320 supports the latest international security algorithms, including DES, TDES, RSA, DUKPT and Master/Session. An optional PIN privacy shield provides added protection for merchants and consumers alike.

Outstanding performance

Built around Ingenico's advanced Telium2 architecture and EMV level 2 kernel, iPP320 processes powerful cryptographic algorithms at the highest speeds, delivering fast, secure transactions. Tamper-resistant, tamper-responsive components and digital end-to-end encryption technologies protect sensitive cardholder data throughout the entire transaction.

Each iPP320 comes standard with all payment technologies already embedded and ready to activate, and operates on Ingenico's global Telium2 platform, eliminating the need for add-on devices or component upgrades. **That means iPP320 gives you the flexibility to accept any or all existing forms of electronic payment,** including MSR credit and debit, smartcards, stored-value cards, contactless systems such as MasterCard PayPass® and VISA payWave, EMV/Chip & PIN cards, and mobile/NFC applications, now or in the future.

Compact design

With its lightweight, elegant design, iPP320 fits neatly and cleanly into any merchant environment. Its crisp LCD display, large backlit keypad, and raised-symbol keys make PIN entry and navigation convenient and confidential.

Flexible connectivity

iPP320 gives you seamless flexibility to integrate the payment device into your existing payment system. Choose from powered serial, USB and Ethernet options and a wealth of standard non-powered communications capabilities to create targeted applications to tailor the purchase experience. Merchants can count on constant speed, security and availability, regardless of transaction volume.

Comprehensive services

Ingenico provides a comprehensive range of update and management services for all its hardware and software products. Fully certified professionals and local-language helpdesks operate worldwide to support our customers. Ask how our Ingenico's services can lower your total cost of POS ownership and maximize your equipment investment.



iPP320 Specifications		
Processor	Main processor	Thunder (ARM9), 450 MIPS
	Crypto processor	Booster (ARM7), 50 MIPS
Memory	Internal	128 Mbytes Flash, 16 Mbytes SDRAM
	External	µSD supporting up to 8GB
OS		Telium 2
Secure Access Module slots		3
Card reader(s)	Magnetic stripe	Triple track
	Smart card	EMV L1, 500,000 insertions
	Contactless	Optional integrated reader
Display	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 12V
	Powered Ethernet	POE Compliant with 802.3af
	External power supply	(option)
Size	l x w x d	6.9 x 2.95 x 1.38" (175 x 75 x 35 mm)
Weight		9.4 oz (267 grs)
Environment	Operating temperature	32°F to 113°F (0°C to +45°C)
	Storage temperature	-4°F to 122°F (-20°C to +50°C)
	Operating humidity	85% RH to 104°F (+40°C)
Optional privacy shield	PCI Compliant	Additional or factory mounted privacy shield
	ZKA Compliant	Factory (option)
PCI PIN transaction security		PCT PTS V3 certified

