

PIN Pad

i3070 series

Perfect for both multiline retail and single point-of-sale environments, the versatile i3070 combines smart card and magnetic card payments with built-in contactless technology to deliver all around payment performance. Designed to be both practical and easy on the eye, this powerful handheld device simply speeds through PIN-based transactions. Its a large keypad – complete with function keys that speed up menu navigation and application access for operators – make PIN entry a snap for cardholders. The i3070's long card swipe optimizes magnetic stripe card reading while its powerful EMV smart card reader supports both synchronous and asynchronous microprocessor smart cards. An integrated contactless reader – approved by both MasterCard® PayPass™ and Visa PayWave™ – enables merchants to accept contactless payment at the wave of a hand or from a mobile phone. The i3070 integrates easily into POS systems.



Security

The i3070 is built around Ingenico's industry-proven High Security Core (HSC) to assure protection for customer data and application management. Fully EMV and PCI PED approved, and supporting the latest international security algorithms (DES, TDES, RSA, DUKPT and Master/Session), the i3070 features an optional privacy shield for additional peace of mind.

Performance

Thanks to Ingenico's UNICAPT™ 32-bit architecture and its EMV level 2 kernel, the i3070 delivers the super-fast processing of powerful cryptographic algorithms to make fast-paced transactions a reality. Easily integrated into the POS platform, the i3070 steps up the security of your payment system by providing additional confidentiality at the PIN-entry stage.

Design/Ergonomics

The i3070 contactless PIN Pad is designed to be easy to hold and simple to operate, making it the no-fuss solution for merchants looking to accept contact, mag stripe, contactless, and NFC transactions at the point-of-sale.

Communication

The i3070 offers serial and USB connectivity to enable fast and easy integration with your POS architecture. Connect to a cash register, payment terminal or PC to maximize your preferred payment choices.

Software Development

Compatible with all previous Ingenico applications, the i3070 supports today's applications with ease, as well as tomorrow's next-generation services.

Field Services

To reduce the total cost of ownership and enable merchants to maximize their terminal investments, Ingenico provides comprehensive terminal and software update and management services – both remotely and in the field.



NAME		i3070	i3070 Contactless
Processor	ARM 7	•	•
Memory	RAM/Flash	2/8 MB	2/8 MB
Card Reader(s)	Magstripe	Track 1/2/3	Track 1/2/3
	Smart card	•	•
	Contactless		PayPass™ PayWave™
SAMs (optional)		3	3
Display	Yellow/Green	•	•
	Graphic 128 x 64	•	•
	Backlit	•	•
Keypad	Number of keys	15	15
	Number of navigation keys	3	3
Buzzer		•	•
Connections	RS232	•	•
	USB Slave	•	•
Power	Power range	7-9V	7-9V
	External power supply	optional	optional
Size (in mm)		L 170 x W 80 x H 40	L 170 x W 80 x H 40
Weight (in gr)		306	306
Customization	Lens	optional	optional
	Casing	optional	optional
PIN Shield		optional	optional
Environment	Operating temperature	+5°C to +40°C	+5°C to +40°C
	Operating humidity NC	15% to 90%	15% to 90%
PCI PED	Online/offline	•	•