

Cost effective and versatile
PIN entry device

Ingenico 3070

PIN Pad Range

- **Ingenico 3070** is a small footprint hand-held PIN Pad with smart card and magnetic card readers ideal for use in retail and single point-of-sale environments.
- Ingenico 3070 has been designed to meet the latest PCI PED security standards and ease transition to Chip&PIN. Based on Ingenico's new 32 bit architecture and coming with an EMV level 2 kernel, it provides fast processing of powerful cryptographic algorithms. It offers a fast and easy way to adapt the existing point-of-sale systems to new EMV and PIN-entry standards.
- Its large graphic display and function keys improve user friendliness, and the ergonomic shape allows the cardholder to easily operate the hand-held device while retaining the card throughout the transaction.



EMV
Fast transaction
time



USB/Ethernet
Power over
Ethernet



UNICAPT
Application
compatibility



HSC 32 bits
Secure module



**Remote
downloading**



PCI PED
On-line and
off-line certified



Ingenico 3070



i5100

ECR

Easy connection to Ingenico countertop terminals or cash register through RS232 or USB



15 standard keys and 3 function keys for easy menu navigation



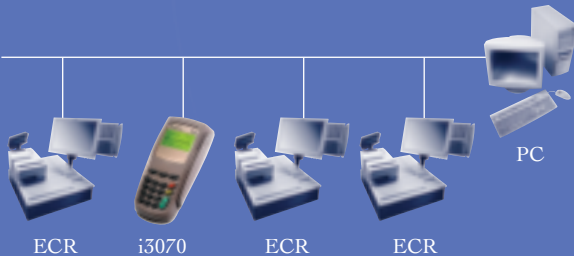
Comfortable PIN Pad handling



Smart Card and Magstripe reader



Up to 3 Security Access Modules (SAMs)



Thanks to its "Power over Ethernet" port, i3070 can be easily connected to an Ethernet LAN, reducing installation and maintenance cost.



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Simple and cost effective transition to EMV

- It offers a cost effective way to upgrade existing point of sale and cash register equipment to comply with new EMV and PIN entry standards and the latest PCI PED security standards.
- Ingenico 3070 is compatible with the whole range of Ingenico countertop terminals (such as Ingenico 5100).

Ergonomic design

- The same PIN Pad can be connected to an ECR via either RS232 or USB, depending on the connector available on the ECR.
- Up to 3 Security Access Modules (SAMs).
- Secure downloading of new applications using local or remote download.
- Includes three function keys below the display for quick and simple access to different applications.
- The long card swipe ensures optimal magnetic stripe card reading.
- i3070 uses Power over Ethernet as an option reducing installation and maintenance cost.
- The large graphic display offers clear presentation of data and commands.
- Its compact design allows the cardholder to easily handle the PIN-Pad while introducing his PIN securely.

Physical and logical security

- The integrated High Security Core (HSC) has been developed from years of experience by the world leader in POS security, Ingenico. It offers different levels of security, meeting the most demanding requirements of payment transactions (PCI-PED). It has a 32-bit processor to support powerful encryption (RSA, DES, 3DES...), thus ensuring confidential data is secure.
- Multi application security is provided by UNICAPT technology permitting several applications to run independently on the same device. An additional benefit is the portability of previously written applications for Ingenico terminals.

Memory	1M SRAM + 4M Flash Memory 2M SRAM + 8M Flash Memory (option)
Processor	ARM 32 bits
SAMs	Up to 3 SIMs
Security	PCI Ped on-line/off-line
Display	Graphic, 128 x 64 pixels. Backlit
Keypad	15 keys. 3 function keys.
Smart card reader	EMV level 1 approved. ISO 7816 1-1-3 Async/Sync. T=0 & T=1
Magnetic card reader	ISO 1/2/3
Connectivity	RS232 RS232 + USB Ethernet + RS232 Ethernet (Power over Ethernet)
Environment	0° to 40°
Colour	Sahara