# 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**

## ingenico

Secure transaction and payment solutions

# 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)**



ECR      i3070      ECR      ECR                    PC

**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<br>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<br>Async/Sync. T=0 & T=1 |
| **Magnetic card reader** | ISO 1/2/3 |
| **Connectivity** | RS232<br>RS232 + USB<br>Ethernet + RS232<br>Ethernet (Power over Ethernet) |
| **Environment** | 0° to 40° |
| **Colour** | Sahara |