

# Ingenico 3070

## PIN Pad Range

### Simple, cost-effective upgrade to EMV™ 4

- **Ingenico 3070** is a PCI PED approved, multi function, programmable PIN Pad with smart card and magnetic card readers. With a RS232/USB port configuration the Ingenico 3070 is ideal for use in multi-lane retail and single point-of-sale environments.
- Based on Ingenico's new UNICAPT™ 32 bit architecture and EMV approved level 2 kernel, it provides rapid processing of EMV's powerful cryptographic algorithms. It offers a fast and easy way to adapt your existing point-of-sale system to the new EMV and PIN-entry standards.
- Its large graphic display and function keys improve user friendliness. Its ergonomic shape allows the cardholder to easily operate the hand-held device while retaining their card throughout the transaction.



**EMV**  
Fast transaction time



**UNICAPT**  
Application compatibility



**HSC 32 bits**  
Secure module



**USB/RS232/Ethernet**  
Power over Ethernet



**Remote downloading**



**PCI PED**  
Approved



# Ingenico 3070



Comfortable PIN Pad  
handling



Wide keys for easy  
PIN entry



3 SIMs for smart card  
acceptance



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## Physical and logical security

- The integrated High Security Core (HSC) has been developed from years of experience by the world experts in POS security, Ingenico. It offers different levels of security, meeting the most demanding requirements of payment transactions (PCI PED, offline and online, Interac...). 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 applications across the entire Ingenico product line.

## Multiple functions

- 3 Security Access Modules (SAMs).
- Secure downloading of new applications using local or remote download.

## Ergonomic design

- Soft keys allow for quick and simple access to different applications.
- Large graphic display offering clear presentation of data and commands.
- Long card swipe ensures optimal magnetic stripe card reading.

## Simple and cost effective transition to EMV 4

- Easy to use solution for retailers and cardholders transitioning to Chip and PIN.
- It offers a cost effective way to upgrade existing point of sale operations to comply with EMV and PIN entry standards.
- EMV level I and II approved.
- Ingenico 3070 is compatible with the whole range of Ingenico countertop terminals (such as Ingenico 5100).

|                             |  |
|-----------------------------|--|
| <b>Memory <sup>1</sup></b>  | 2 MB SRAM with 64k memory battery backed up<br>8 MB Flash with 3 MB of data storage                                      |
| <b>Processor</b>            | ARM 32 bits  |
| <b>SAMs</b>                 | 3 SIM's  |
| <b>Security</b>             | Integrated security. Ingenico's High Security Core<br>PCI PED (VISA and MC security approval)<br>online/offline approved |
| <b>Display</b>              | Graphic 128 x 64 pixels. Backlit   |
| <b>Keypad</b>               | 15 keys plus 3 programmable  |
| <b>Magnetic card reader</b> | ISO 1/2/3 single swipe<br>Magnetic stripe up or down   |
| <b>Smart card reader</b>    | ISO 7816 1-2-3<br>Async/Sync. T=0 & T=1  |
| <b>EMV</b>                  | Level 1 and level 2 approved   |
| <b>Connectivity</b>         | RS232 and USB  |
| <b>Environmental</b>        | 0° to 40° C operating temp (41 F to 104 F)   |
| <b>Color</b>                | Sahara   |

<sup>1</sup> Specific Memory configurations will be dependant on application requirements.