

# Ingenico 3050

## PIN Pad Range

- **Ingenico 3050** is a small footprint, hand-held PIN Pad ideal for use in single POS environments.
- It is based on Ingenico's UNICAPT™ 32-bit platform architecture providing EMV level 2 kernel, powerful processing of cryptographic algorithms and secure multi-application environment.
- Ingenico 3050 is Visa PED online and offline certified.
- It offers a cost-effective way to up-grade existing operations to include secure customer activated transactions and PIN entry.
- Enhanced ease of use via a large graphic display and three function keys.



**Secure PIN Pad**  
Visa PED certified



**EMV**  
Fast transaction time



**UNICAPT**  
Application compatibility



**Remote  
downloading**



# A cost effective, secure PIN Pad for transitioning to EMV 4

# Ingenico 3050



Easy insertion of smart  
cards by consumers



15 standard keys and  
three function keys  
for easy menu navigation



Large graphic display  
eliminates scrolling text



Easy connection to Ingenico countertop terminals



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## Physical and logical security

- Ingenico 3050 is Visa International PED on and off-line certified.
- 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 whole UNICAPT 32 product range.

## Multiple functions

- Secure downloading of applications (new and update) using local or remote download.
- Multiple languages supported.

## Ergonomic design

- Fits in the palm of your hand.
- Small footprint optimises counter space.
- Large graphic display combined with function keys offers a user friendly interface and navigation ease

## Simple and cost-effective transition to EMV 4

- Compatible with all of Ingenico countertop terminals (TT41, TT42, Elite 515, i5100 etc), i3050 provides a cost effective way to upgrade existing point-of-sale operations to comply with EMV and PIN entry standards.
- Ingenico 3050 can also be used with non-Ingenico terminals.

<b>Memory</b>	512 KB SRAM & 1 MB Flash
<b>Processor</b>	ARM 32 bits
<b>Architecture</b>	UNICAPT 32 EMV level 2 approved
<b>SAMs</b>	No SAM
<b>Security</b>	VISA PED on-line/off-line certified Optional privacy shroud
<b>Display</b>	Graphic, 128 x 64 pixels, backlit
<b>Keypad</b>	18 keys (including navigation keys)
<b>Smart card reader</b>	EMV level 1 approved. ISO 7816 1-2-3-4 Async/Sync. T=0 & T=1
<b>Connectivity</b>	RS 232, I2C, TTL
<b>Cable</b>	Detachable cable
<b>Environmental</b>	Operating temperature: 5°C to 50°C
<b>Dimensions</b>	H: 36 mm x W: 80 mm x D: 138.5 mm
<b>Weight</b>	200 g (without cable)