

Cost effective, ergonomic
and VISA PED certified
PIN Pad, upgrade to EMV 4

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.
- Accurate ergonomics thanks to its large graphic display and function keys improve user friendliness.
- Enhanced confidentiality thank to its shand-held design and optional privacy shroud.



Secure PIN Pad
Visa PED certified



EMV
Fast transaction time



UNICAPT
Application compatibility



**Remote
downloading**



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Easy insertion of smart cards by consumers



15 standard keys and three function keys for easy menu navigation



Optional privacy shroud



Large graphic display to facilitate human interface



Easy connection to Ingenico countertop terminals



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Physical and logical security

- Ingenico 3050 is Visa International PED 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 range.

Multiple functions

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

Ergonomic design

- This hand-held PIN Pad fits in the palm of the hand.
- Small footprint to optimise counter space.
- Large graphic display combined with function keys offers user friendly interface and navigation ease in the applications
- Optional privacy shroud to assure optimal user confidentiality.

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.

Memory	512 KB SRAM & 1 MB Flash
Processor	ARM 32 bits
Architecture	UNICAPT 32 EMV level 2 approved
SAMs	No SAM
Security	VISA PED on-line/off-line certified Optional privacy shroud
Display	Graphic, 128 x 64 pixels, backlit
Keypad	18 keys (including navigation keys)
Smart card reader	EMV level 1 approved. ISO 7816 1-2-3-4 Async/Sync. T=0 & T=1
Connectivity	RS 232, I2C, TTL
Cable	Detachable cable
Environmental	Operating temperature: 5°C to 50°C
Dimensions	H: 36 mm x W: 80 mm x D: 138,5 mm
Weight	200 g (without cable)