

A cost effective countertop
payment terminal
with Integrated PIN Pad

Ingenico i5100EL

COUNTERTOP RANGE

- Ingenico i5100EL is the perfect terminal for merchants with a high or low transaction level. It has a small footprint and can be easily handed over for cardholder PIN entry.
- Based on Ingenico's new UNICAPT™ 32 bit architecture and complete with EMV level 2 certifications, it provides fast processing of powerful cryptographic algorithms.
- It's ergonomic keypad design, large graphic display, long magnetic stripe reader, easy loading and fast printer, all provide increased performance and convenience.



EMV
Fast transaction time



UNICAPT
Application compatibility



HSC 32 bits
Secure module



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**Ergonomically designed
keyboard for easy PIN entry**



**Easy loading and fast
printer**



**Optimal and secure card
reading**



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Outstanding security features

- 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 (Visa PED, ZKA...). 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.

Quality and performance

- The long card swipe ensures optimal mechanical card reading.
- Designed around a sub-assembly block making maintenance and testing easy.

User friendliness

- Quiet and fast (12 lines/second) thermal printer with easy loading mechanism.
- Ergonomically designed keyboard for easy PIN entry.
- Large graphic display with adjustable contrast.
- Customisable lens to promote customer logo/brand.
- Only one cable for all external connections

Memory	1 MB SRAM 2Mb or 4 MB Flash
Processor	ARM 32 Bits
SAM slots	0 or 1
Security	Integrated security. Ingenico's High Security Core
Printer	Thermal, easy loading, 12 lines/second Paper end detection, full graphics printing
Keypad	18 keys including 3 function keys. Backlit (optional)
Display	Graphic, 128 x 64 pixels. Backlit
Communication	Synchronous and asynchronous modem: V22bis
Magnetic card reader	ISO 1/2 or ISO 2/3
Smart card reader	EMV level 1. ISO 7816 1-2-3 Async/Sync. T=0 & T=1
Connectivity	2 RS232
Lens	Customisable with logo (optional) Privacy shroud add-on (optional)
Environmental	Operating temperature: +5°C to +40°C (41F to 104F) Storage temperature: -20°C to +70°C (-2F to 158F)
Dimensions	21 x 9.5 x 7.5 cm (8.27 x 3.74 x 2.95 in.)
Weight	600g (1.32 lb.)

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