

A cost effective countertop payment terminal with integrated PIN Pad

Ingenico 5100

Countertop Range

- **Ingenico 5100** is the perfect terminal for merchants having medium 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 coming with EMV level 2 kernel, it provides fast processing of powerful cryptographic algorithms.
- Its ergonomic keypad design, large graphic display, long magnetic stripe reader, wide range of communication options, easy loading and fast printer, all provide increased performance and convenience.



EMV
Fast transaction time



UNICAPT
Application compatibility



HSC 32 bits
Secure module



TCP/IP



Modular
MMC, SAM
Ethernet / Wi-Fi Plug>It
External GPRS



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Ergonomically designed keyboard for easy PIN entry



Optimal and secure card reading



Easy loading and fast printer



Modular architecture for SIMs and communication

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.
- A wide range of internal communication options is available: V22bis, V29, fast V34, ISDN.
- A Plug>It slot enables to expand the terminal communication capabilities.
- Ethernet and Wi-Fi Plug>It modules and external GPRS options can be added to the original product.
- 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.
- Customizable lens to promote customer logo/brand.
- Only one cable for all external connections (accessory).
- Other options could be possible in function of volumes.



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Memory	1 to 2 MB SRAM. Up to 8 MB Flash. Optional MMC Multimedia Card slot
Processor	ARM 32 bits
SAMs	Up to 3 SIMs
Security	Integrated. 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 (option)
Display	Graphic, 128 x 64 pixels. Backlit
Communication	Synchronous and asynchronous modems: V22bis, V29, fast V34, ISDN. External GPRS (option) Embedded TCP/IP
Magnetic card reader	ISO 1/2 or ISO 2/3 - ISO 1/2/3 and JIS II (option)
Smart card reader	EMV level 1. ISO 7816 1-2-3. Async/Sync. T=0 & T=1
Connectivity	1 or 2 RS 232. Additional Ethernet, Wi-Fi, RS 485 or RS 232 (option)
Lens	Customizable with logo (option) Privacy shroud add-on (option)
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	600 g (1.32 lb.)