

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 Plug>It  
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 to the terminal communication capabilities.
- Ethernet Plug>It 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.

<b>Memory</b>	1 to 2 MB SRAM. Up to 8 MB Flash. Optional MMC Multimedia Card slot
<b>Processor</b>	ARM 32 bits
<b>SAMs</b>	Up to 3 SIMs
<b>Security</b>	Integrated. Ingenico's High Security Core
<b>Printer</b>	Thermal, easy loading, 12 lines/second Paper end detection, full graphics printing
<b>Keypad</b>	18 keys including 3 function keys. Backlit (option)
<b>Display</b>	Graphic, 128 x 64 pixels. Backlit
<b>Communication</b>	Synchronous and asynchronous modems: V22bis, V29, fast V34, ISDN. GPRS (option). Embedded TCP/IP
<b>Magnetic card reader</b>	ISO 1/2 or ISO 2/3 - ISO 1/2/3 and JIS II (option)
<b>Smart card reader</b>	EMV level 1. ISO 7816 1-2-3. Async/Sync. T=0 & T=1
<b>Connectivity</b>	1 or 2 RS 232. Additional Ethernet RS 485 or RS 232 (option)
<b>Lens</b>	Customizable with logo (option) Privacy shroud add-on (option)
<b>Environmental</b>	Operating temperature: +5°C to +40°C (41F to 104F) Storage temperature: -20°C to +70°C (-2F to 158F)
<b>Dimensions</b>	21 x 9,5 x 7,5 cm (8.27 x 3.74 x 2.95 in.)
<b>Weight</b>	600 g (1.32 lb.)



Groupe Ingenico  
9, quai de Dion Bouton - 92816 Puteaux Cedex - France  
Tel. 33 (0)1 46 25 82 00 - Fax 33 (0)1 47 72 56 95  
www.ingenico.com

Your contact: