

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 card-holder 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, easy loading and fast printer... provide increased performance and convenience.



**EMV**  
Fast transaction time



**UNICAPT**  
Application compatibility



**HSC 32 bits**  
Secure module



**TCP/IP**



# Ingenico 5100



Ergonomically designed keyboard for easy PIN entry



Optimal and secure card reading



Easy loading and fast printer



## Groupe Ingenico

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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.
- A wide range of communication options is available : V22 bis, V29, fast V34.
- 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.
- Large graphic display with adjustable contrast.
- Customizable lens to promote customer logo/brand.
- Only one cable for all external connections.
- Other options could be possible in function of volumes.

<b>Memory</b>	1 MB SRAM Up to 8 MB Flash
<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: V22bis, V29, fast V34. Embedded TCP/IP
<b>Magnetic card reader</b>	ISO 1/2 or ISO 2/3
<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
<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.)