

The Integrated Solution  
for multi-terminal  
environments

# Ingenico 7810

## Indoor Wireless Range

- Based on Wi-Fi technology, the **Ingenico 7810** is our **new Indoor Wireless terminal** tailored to **Hospitality retailers**. Supporting Pay@Table, the Ingenico 7810 **leverages your existing Wi-Fi infrastructure** to offer wireless payment.
- Its ergonomic, compact and light-weight design offer convenience and comfort to hospitality users throughout the working day.
- With its large backlit display, fast easy loading printer, long magnetic stripe reader and intelligent Li-Ion battery, performance is key to the i7810.
- Based on Ingenico's 32 bit architecture and provided with an EMV level 2 kernel, it provides fast processing of powerful cryptographic algorithms.



**EMV**  
Fast transaction  
time



**UNICAPT**  
Application  
compatibility



**HSC 32 bits**  
Secure module



**Wi-Fi**  
802.11b



**Modular**  
MMC Card



**PCI PED**



Secure transaction and payment solutions

Want to integrate your payment system on a Wi-Fi network?

# i7810 Wi-Fi

## The integrated WLAN solution



Optimal and secure card reading



Easy loading and fast printer



Easily removable battery



Docking station for battery charging and communication



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# Ingenico

# 7810

With the **i7810 Wi-Fi**, Ingenico completes its comprehensive range for the retailers of the hospitality sector with a **WLAN integrated solution for multiple terminal configurations**. Whereas the i7700 Bluetooth is a turn-key solution independent of the existing network, the i7810 enables perfect integration of the payment system in the installed Wi-Fi environment.

### Outstanding security features

Supporting Pay@Table, the **Ingenico 7810 Wi-Fi** payment terminal enables you to **pay wherever you are** within your premises with all the security provided by Ingenico's High Security Core and UNICAPT™.

- The integrated High Security Core (HSC) offers different levels of security, meeting the most demanding requirements of payment transactions (PCI 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.

### Ingenico integrates its Wi-Fi in a portable!

Providing great performance, ease-of-use and security, the i7810 is based on:

- 802.11b, the most popular standard worldwide, operating in the 2.4 GHz spectrum. Its data rate of 11 Mbps is fully suitable for payment transactions and enables sufficient coverage throughout your premises.
- Security: In addition to physical security, and potentially the SSL, our Wi-Fi communications are fully protected by 128-WEP or WPA security.

### All the ingredients for a great Pay@Table terminal!

The i7810 answers the requirements of the hospitality sector:

- **Fast service:** with its **Wi-Fi WLAN** features, its **quiet, fast printer** (easy-loading mechanism) and its long card swipe for optimal reading, the i7810 reduces the total cost of a transaction and speeds up the payment, giving a better service to the customer.
- **Long life battery:** the removable **Li-Ion** battery pack enables you to use the i7810 for **up to 200 transactions**, giving you enough power to cover a complete shift.
- **Convenience:** in addition to the large backlit display, the i7810 offers you a **light and ergonomic** solution to make the payment process **easy and efficient** for hospitality staff.
- **Flexibility:** every i7810 comes with a charging base and an optional back-up modem (v34) for continuous operability.

<b>Memory</b>	2 Mb SRAM - Up to 8 Mb Flash Optional MMC Multimedia card slot
<b>Processor</b>	ARM 32 bit
<b>SAMs</b>	1 or 3 SIMs
<b>Security</b>	Integrated security. Ingenico's High Security Core
<b>Printer</b>	Thermal, easy loading, 12 lines/second Paper end detection, full graphics printing
<b>Keypad</b>	Backlit, 18 keys including 3 function keys
<b>Display</b>	Graphic backlit, 128 x 64 pixels
<b>Magnetic card reader</b>	ISO1/2/3 and JIS II (option)
<b>Smart card reader</b>	EMV level 1. ISO 7816 1-2-3. Async/Sync. T=0 & T=1
<b>Battery</b>	Li-Ion for up to 200 transactions (option)
<b>Communication</b>	v34 back-up modem (on base station)
<b>Connectivity</b>	2 RS232 (on base station and on handheld)
<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>	Terminal: 20.9 x 9.6 x 6.0 cm (8.2 x 3.77 x 1.37 in.) Base: 20.2 x 9.1 x 3.5 cm (7.95 x 3.58 x 1.37 in.)
<b>Weight</b>	600 g (1.32 lb.)