

The Turnkey Solution  
for multi-terminal  
environments

# Ingenico 7780

## Indoor Wireless Range

- The **Ingenico 7780** is the ideal “pay at the table” solution. Thanks to **Bluetooth**, merchants gain full mobility within their premises in **total security**. The Ingenico 7780 **creates a simple and cost-effective WLAN** to connect multiple terminals to the same base.
- Its ergonomic, compact and light weight design provides convenience and comfort for hospitality professionals throughout the working day.
- With its large backlit display, fast easy loading printer, long magnetic stripe reader and intelligent Li-Ion or NiMh battery, performance is at the heart of i7780.
- Based on Ingenico’s 32 bit architecture and equipped 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



**TCP/IP**  
Ethernet Dial-up



**Bluetooth**  
Radio



**Modular  
MMC Card**  
Ethernet Plug It



**PCI PED**



Need more than one terminal  
in your restaurant?  
**i7780 Bluetooth**  
The optimal wireless solution



**Ingenico**  
**7780**

With the **i7780 Bluetooth**, Ingenico completes its comprehensive offering to the **hospitality** sector with a **WLAN turnkey solution for multiple terminal configurations**. Whereas the i7910 series answers the merchant's need for a single-terminal solution, the Ingenico 7780 has been designed as the perfect fit for the requirements of multi-terminal businesses.

### Outstanding security features

Supporting Pay@Table, the **i7780 Bluetooth** 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) has been developed from years of experience by Ingenico, the world leader in POS security. It offers different levels of security, meeting the most demanding requirements for 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.

### The first Bluetooth terminal on the market

The Ingenico 7780 uses secure Bluetooth technology, giving the merchant:

- **Complete payment portability** for up to 200 m (600 ft) away from the base.
- **Reduced setup costs:** up to 7 handsets can connect to a single base.
- With independently verified 128 bit encryption of Bluetooth data, it offers **the most secure radio** communication available in a payment device.

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

The Ingenico 7780 meets the requirements of the hospitality sector:

- **Fast service:** with its **Bluetooth WLAN** features, its **quiet and fast printer** (easy-loading mechanism) and its long card swipe for optimal reading, the i7780 reduces the total cost of a transaction and speeds up payment, giving a better service to the customer.
- **Long life battery:** the removable **Li-Ion or NiMh** battery pack enables you to use the i7780 for **up to 200 transactions**, giving you enough power to cover a complete shift.
- **Convenience:** in addition to the large backlit display, i7780 offers you a **light and ergonomic** solution to make the payment process **easy and efficient** for the hospitality staff.
- **Flexibility:** the wide range of base communications (v22bis, v29 fast, v34, ISDN and Ethernet) enables the i7780 to be used in any kind of environment.



Sahara



Optimal and secure  
card reading



Easily removable  
battery



Easy loading and fast  
printer



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<b>Memory</b>	1 to 2 Mb SRAM - Up to 8 Mb Flash Optional MMC Multimedia card slot
<b>Processor</b>	ARM 32 bit
<b>SAMs</b>	3 SIMs One full ISO format card (option)
<b>Security</b>	Integrated. Ingenico's High Security Core
<b>Radio</b>	Bluetooth 2,4 GHz Up to 7 devices connected to the same base
<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>	NiMh - Lilon for up to 200 transactions (option)
<b>Connectivity</b>	2 RS 232 - Ethernet (option)
<b>Communication</b>	Synchronous and asynchronous modems: v22bis, v29 fast, v34, ISDN. Embedded TCP/IP
<b>Lens</b>	Customizable with logo (option) Privacy shield 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 cm (8,2 x 3,77 x 2,36 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.)