



# Ingenico 7780

## Portable Range

### Cost effective, short-range wireless payment terminal with integrated PIN pad

- The Ingenico 7780 is a proven portable short-range wireless payment solution that provides customer convenient electronic transaction acceptance for retailers, fine dining, fast food, bars, convenience stores, car service companies, and many other businesses.
- The i7780 provides fast transaction acceptance with a 15 lines per second thermal printer, high speed modem, powerful 32-bit processor and Ethernet communications. The magnetic stripe reader has an extended read path, simple keypad and large, bright backlit display with three backlit screen-addressable keys that make it extremely easy to use.
- The i7780 features fast and secure wireless transaction transmission to the base that will cover up to one half square mile, depending on the operating environment.



**EMV**  
Fast transaction time



**UNICAPT**  
Application compatibility



**PCI PED**  
Approved



**Bluetooth**



**TCP/IP**  
Ethernet



# Ingenico 7780



Backlit keyboard is easy to see



Easy load 15 lines per second thermal printer



Base with dial, RS232 and Ethernet



Ingenico was awarded the 2004 Frost & Sullivan Technology of the Year Award in recognition of its innovative technological outlook by being the first to launch a Bluetooth terminal in the POS market.



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## Built for FAST transaction authorization

- Compact and durable handset can be handed to the customer to complete a transaction.
- Bluetooth technology provides a fast, secure and proven radio link.
- Proven device performance and capability through global deployments.
- Long vertical magnetic card swipe path increases operator first pass read success.
- Ethernet provides real-time transaction authorization.

## Intelligent battery and LAN capability maximize customer service

- Removable and intelligent Lithium Ion battery pack is easy to change, fast to charge and provides long-term use between charges.
- On-screen battery indicator tells operator how much battery remains.
- A single i7780 base can wirelessly communicate with up to seven i7780 terminals, providing a totally wireless LAN.
- The optional Ethernet-enabled versatile base allows wireless connection of handsets directly into existing LAN's.

<b>Processor</b>	32 bit ARM processor
<b>Memory</b>	2 MB SRAM and 4 MB Flash
<b>Printer</b>	15 lines per second thermal printer Easy load with end of paper roll detection Full graphics printing capability
<b>Display</b>	LCD display, 128x64 pixels and graphics capability Backlit
<b>Keypad</b>	18 keys including 3 screen addressable function keys Backlit for operator convenience
<b>Communications</b>	Spread spectrum Class 1 Bluetooth 2.4GHz Single base can serve up to seven terminals V34 modem, transfers up to 33,600 bits per second Synchronous and asynchronous transmission Ethernet and TCP/IP
<b>Magnetic stripe reader</b>	Tracks 1, 2 & 3
<b>Smart card reader</b>	EMVCo approved Level 1 UNICAPT 32 EMV Level 2 approved ISO 7816 1-2-3, Async/Sync. T=0 & T=1 Optional support for up to 3 Secure Access Modules
<b>Security</b>	PCI PED approved, on-line/off-line DES or 3DES DUKPT or MasterSession Secure local and remote software downloading
<b>Connectivity</b>	Ethernet port 2 RS232 ports V34 modem
<b>Programming &amp; downloading</b>	UNICAPT secure multi-application platform and development environment Programmable in C
<b>Lens</b>	Customizable with logo (option)
<b>Accessories</b>	Spare battery pack, charging base, protective holster
<b>Environmental</b>	Operating temperature: 41F to 104F (+5°C to +40°C) Storage temperature: -2F to 158F (-20°C to +70°C)
<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>	Terminal without batteries: 691 gr. (1.52 lb) Batteries: 176 gr. (6.2 oz) Base: 211 gr. (7.5 oz)