



# Ingenico 7780

**Portable Range**

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

- The **Ingenico 7780** is a portable short-range wireless payment terminal that provides customer-convenient electronic transaction acceptance for retailers, fine dining, fast food, bars, convenience stores, car service businesses, car washes and many other businesses.
- The **i7780** was designed for fast transaction acceptance with a 15 lines per second thermal printer, high speed modem and powerful 32 bit processor. The magnetic stripe reader with extended read path, simple keypad and large bright backlit display with 3 backlit screen addressable keys make it extremely easy to use.
- The **i7780** features fast and secure wireless transaction transmission to the base to commonly cover up to one half square mile depending on the operating environment.



**EMV**  
Fast transaction time



**UNICAPT**  
Application compatibility



**PCI PED**  
Approved



**Bluetooth**



# Ingenico 7780



U32 versatile base supporting Plug It technology



"Easy load" 15 lines per second thermal printer



Radio base - same as i7770 for dial customers



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



**Ingenico Inc.**  
6195 Shiloh Road, Suite D - Alpharetta, GA 30005  
Tel: (678) 456-1200 - Fax: (678) 456-1201  
www.ingenico-us.com

**Ingenico Canada Ltd.**  
79 Torbarrie Road - Toronto, Ontario - Canada M3L 1G5  
Tel: (416) 245-6700 - Fax: (416) 245-6701  
www.ingenico.ca

Groupe Ingenico 192, avenue Charles de Gaulle - 92200 Neuilly sur Seine - France  
Tel: 33 (0)1 46 25 82 00 - Fax: 33 (0)1 47 72 56 95 - www.ingenico.com

All rights reserved. This document is not binding and the specifications hereabove can be modified without prior consent.

## Built for FAST transaction authorization

- Compact and durable terminal is taken to the customer for transaction acceptance and finalization.
- Bluetooth, using 2.4 GHz wireless transmission speed, provides fast and secure transaction authorization.
- Long vertical MSR swipe path increases operator first pass read success.
- Large backlit screen is easy to see in any lighting.
- 32 bit processing provides power for swift transaction completion.
- 15 lines per second printer and receipt preprinting eliminate customer wait time.
- "Drop and go" paper loading reduces paper loading time.

## 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>	up to 2 MB SRAM and 8 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 2.4MHz Single base can serve up to seven terminals V34 modem, transfers up to 33,600 bits per second Synchronous and asynchronous transmission Optional Ethernet with versatile base
<b>Magnetic stripe reader</b>	Tracks 1 & 2
<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>	Optional Ethernet-enabled versatile base
<b>Programming &amp; downloading</b>	UNICAPT secure multi-application platform and development environment Programmable in C, C++ or Java
<b>Lens</b>	Customizable with logo (option)
<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)