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 12 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. With a range of over 656 feet (200 m), the i7780 provides superior coverage for Pay@Table, or curbside payments.

EMV
Fast transaction time

UNICAPT
Application compatibility

PCI PED
Approved

Bluetooth

TCP/IP
Ethernet

ingenico ®

beyond payment

Ingenico 7780

Backlit keyboard is easy to see

Easy load 12 lines per second thermal printer

Base with dial, RS232 and Ethernet

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.

Processor	32 bit ARM processor
Memory	2 MB SRAM and 8 MB Flash
Printer	12 lines per second thermal printer Easy load with end of paper roll detection Full graphics printing capability
Display	LCD display, 128x64 pixels and graphics capability Backlit
Keypad	18 keys including 3 screen addressable function keys Backlit for operator convenience
Communications	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
Magnetic stripe reader	Tracks 1, 2 & 3
Smart card reader	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
Security	PCI PED approved, on-line/off-line DES or 3DES DUKPT or MasterSession Secure local and remote software downloading
Connectivity	Choice of bases: - Charge only - Dial (V34 modem) + RS232 - Dial (V34 modem) + RS232 + Ethernet
Programming & downloading	UNICAPT secure multi-application platform and development environment Programmable in C
Lens	Customizable with logo (option)
Accessories	Spare battery pack, charging base, protective holster
Environmental	Operating temperature: 41F to 104F (+5°C to +40°C) Storage temperature: -2F to 158F (-20°C to +70°C)
Dimensions	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.)
Weight	Terminal without batteries: 691 gr. (1.52 lb) Batteries: 176 gr. (6.2 oz) Base: 211 gr. (7.5 oz)

2004
FROST & SULLIVAN
**Point-Of-Sale Systems
Technology Of the Year Award**

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.

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

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