

# Ingenico i7780

Cost effective, short-range wireless payment terminal with integrated PIN pad, excellent for retailers and restaurants that offer credit, debit and stored value transactions.

## A VERSATILE PAYMENT SOLUTION FOR ANY BUSINESS



### > 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.

### > Secure

- Visa approved PED, on-line/off-line terminal that eliminates tampering.
- DES and 3DES integrated PIN pad for secure online debit and EBT transactions.
- MasterSession and DUKPT key management.
- Secure local and remote software downloading.

Processor	32 bit ARM processor
Memory	2 MB SRAM and 4 MB Flash
Printer	15 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	Visa approved PED, on-line/off-line DES or 3DES DUKPT or MasterSession Secure local and remote software downloading
Connectivity	Ethernet port (2) RS232 ports V34 modem
Programming	UNICAPT secure multi-application platform and & downloading 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)

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