



INGENICO 6780 POS PAYMENT TERMINAL



Model 6780

Proven, robust, intuitive and versatile user interface

- The Ingenico 6780 features a tempered glass screen that is resistant to scratches, damage, and will not need replacement after repeated use.
- The i6780's capacitive screen and electrostatic pen produce the most rugged and responsive implementation for signature capture and touch input, providing complete hand rejection during signature capture and excellent finger touch responsiveness for debit.

Integrated keypad for accessibility requirements

- Keypad has raised symbols to enhance usability for visually impaired customers
- Integrated keypad ensures lower cost of ownership by maintaining common platform across all regions

Optimal connectivity

- Standard host communication protocols include RS232, USB, Powered USB, and RS485. Ethernet support is also standard.

Resilient consumer and retailer security

- Visa-PED compliant and Triple DES capable.
- The i6780's keypad complies with Visa PIN Entry Requirements, as well as all relevant ANSI standards regarding debit security.
- DUKPT and MasterSession.
- The i6780's smart card reader is EMV 4.0 approved, offering optimal interoperability and security.

Next generation payment technologies available today

- Optional consumer friendly contactless reader appears as an integrated part of the existing payment terminal
- Decreased transaction times provide value for both the consumer and retailer.
- The Ingenico Contactless Payment Expansion Module is certified to run with the following three programs:
 - American Express ExpressPay™
 - MasterCard PayPass™ ISO 14443 and PayPass Mag-Stripe Application (tested with e^N-Touch 1000)
 - VISA Contactless MSD



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Product Specifications

Display	Graphical TFT LCD display with a resolution of 320x234 and 256 colors, Glare resistant display is sealed to withstand accidental spillage of liquids with no damage to the terminal
Keypad	Keypad has raised symbols to enhance useability for visually impaired consumers.
Memory	Standard 2MB RAM + 8MB Flash
Magnetic Stripe Reader	Triple Track
Smart Card Reader	EMV Levels 1 & 2 approved (4.0)
SAMs	0 or 2
Connectivity (Standard)	Multi-protocol support on host port: RS232, RS485, USB/Powered USB RS232 protocol support on auxiliary port Ethernet support
Security	Visa PED compliant ANSI standards include X3.92, X9.8, X9.9, X9.19, and X9.24. Code Authentication providing secure application code loading DES and Triple DES PIN encryption DUKPT and MasterSession key management
Power	Unit can be powered from cash registers, powered USB and standalone power supplies

Ingenico Contactless Payment Expansion Module specifications (optional)

- Uses the industry standard of four programmable LED's to indicate power-on and successful read.
- Read Proximity Range of 0 – 6 cm.
- Radio Frequency of 13.56 MHz.
- ISO14443 A & B with Mifare support.
- Power provided by the host terminal.
- RS232 communications to host.
- The Ingenico Contactless Payment Expansion Module replaces the foot of the terminal and installs easily with a screwdriver.

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