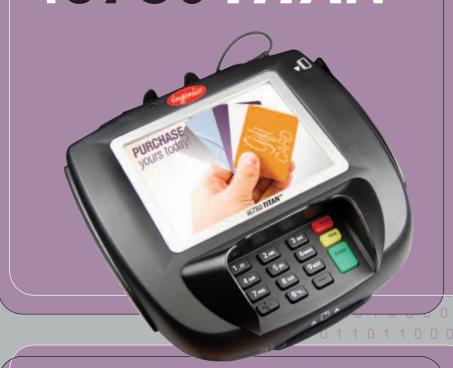## Signature Capture

i6780 *TITAN™*

Color Video Touch Screen Payment Terminal

- The **Ingenico 6780 TITAN™** is the price performance leader in signature capture, providing the fastest and most secure customer checkout possible.
- Tough capacitive color touch screen features stylus or finger-touch activation.
- Triple-track magnetic stripe and EMV-approved smart card readers provide an intuitive customer interface for quick payment and directed video advertising at the checkout.
- Recessed keypad enhances PIN-entry security. Designed for ease-of-use by visually impaired clients, it features high contrast white characters on black keys, with raised symbols for optimum key identification.
- Secure – PCI PED certified and Triple DES capable to provide peace of mind for consumer and retailer.
- Robust, resilient terminal reduces the total cost of ownership and decreases overhead via electronic signature capture.
- Comprehensive communication support enables the terminal to fit in any host, network or LAN environment.
- Contactless Card Reader module snaps-on simply in the field – no tools required.

ingenico ®

i6780 *TITAN*™

Robust, intuitive and versatile user interface

- The Ingenico 6780 TITAN™ features a color video screen with electrostatic signature capture.
- The toughened glass screen is the most rugged and responsive surface available for electronic signature capture.
- The integrated keypad is recessed, tactile and responsive, featuring brightly colored keys for fast, easy use.
- Bright 5.7 inch TFT color display enhances customer experience and provides opportunity to stream promotional messaging.

Optimal connectivity

- Comprehensive communication support enables the terminal to fit in any host device, network or LAN environment.
- Standard host communication protocols include RS232, RS485, USB/powered USB, and Ethernet.

Resilient consumer and retailer security

- PCI PED certified and Triple DES capable.
- The recessed keypad exceeds Visa PIN Entry Requirements for debit security.
- Supports Triple DES, DUKPT and Master Session key management.
- Smart card reader is EMV 4.0 approved, for 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.
- Contactless reader can be field installed – no tools required.
- Decreased transaction times provide value for both the consumer and retailer.
- The Ingenico Contactless Payment Module is certified to run with the following programs:
  - American Express ExpressPay™
  - Mastercard® PayPass™ ISO 14443 and PayPass™ Mag-Stripe
  - Visa Contactless MSD
  - Discover Network Zip

Integration made simple

- Integrates quickly and easily to accommodate industry standards such as UPOS (OPOS/JPOS) and IBMEFT. Ingenico's industry-proven integration kits reduce development time and provide easy access to device functionality.

Display	5.7 inch Glass, TFT color screen uses capacitive technology with finger-touch and electronic pen for signature capture
	Glare-resistant display is sealed to withstand accidental spillage and prevent damage to the terminal
Keypad	15-key tactile keypad meets requirements for the visually impaired
	Recessed keypad assures PIN-entry privacy
Memory	Standard 64MB RAM + 8MB Flash
Magnetic Stripe Reader	3 track magnetic reader
Smart Card Reader	EMV Levels 1 & 2 approved (4.0)
SAMs	2
Connectivity (standard)	Multi-protocol support on host port: RS232, RS485
	USB/Powered USB
	RS232 support on auxiliary port
	Ethernet support
Security	PCI PED approved
	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, USB and standalone power supplies
Dimension	8.5 x 8.0 x 2.75 in. (22 x 21 x 7 cm)
Weight	5.4 lb.
Optional Contactless Payment Expansion Module Specifications	Uses industry standard four programmable LEDs to indicate power-on and successful read
	Read Proximity Range of 1.57 in. (0 – 4 cm)
	Radio Frequency of 13.56 MHz
	ISO14443 Type A & B with Mifare support
	Power provided by the host terminal
	RS232 communications to host
	Installs simply in the field – snap-on design, no tools required

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beyond payment