

# Ingenico 6770

## PIN Pad Range

### Color Touch Screen Payment Terminal

- The **Ingenico 6770** is the focal point for customer-activated electronic payment, signature capture and customer directed advertising, providing the fastest and most secure customer checkout possible. The i6770 leverages the experience Ingenico has gained from being the world leader in tactile retail technology and customer-activated payment.
- The i6770's large colorful glass touch screen, triple track magnetic stripe reader, reliable electronic pen and EMV approved smart card reader provide an intuitive customer interface for quick payment and focused advertising at the checkout counter.
- The i6770 is secure – Visa PED compliant and Triple DES capable – providing peace of mind for both the consumer and the retailer.
- The Ingenico 6770's comprehensive array of communication support enables the terminal to fit in any host device, network or LAN environment.



**EMV**  
Fast transaction time



**UNICAPT®**  
Application compatibility



**HSC 32 bits**  
Secure module



**Ethernet**



**Remote downloading**



# Ingenico 6770



## Proven, robust, intuitive and versatile user interface

- The i6770 features a tempered glass surface that is resistant to scratches, damage and will not need replacement after repeated use.
- The i6770's capacitive screen and electrostatic pen produce the most rugged and responsive implementation for signature and touch input, providing complete hand rejection during signature capture and excellent finger touch responsiveness for debit.

## Optimal connectivity

- Standard host communication methods available with the i6770 include RS232, USB, Powered USB, IVI LAN and RS485/Tailgate.
- A secondary RS232 port is available for connecting other peripherals such as a check reader.

## Resilient consumer and retailer security

- Visa PED compliant and Triple DES capable.
- The i6770's virtual keypad complies with Visa PIN Entry Requirements, as well as all relevant ANSI standards regarding debit security.
- DUKPT and MasterSession.
- The i6770'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<sup>N</sup>-Touch 1000)
  - Visa Contactless MSD

## Application development made simple

- Ingenico's UNICAPT 32 architecture is a proven, robust and flexible development platform used in over 4 million Ingenico EFT POS terminals worldwide.

<b>Display</b>	Glass LCD display with resolution of 320x240 and 256 colors Glare resistant display is sealed to withstand accidental spillage of liquids without glass damage to the terminal
<b>Memory</b>	Standard 2MB RAM + 8MB Flash
<b>Processor</b>	Ingenico Millennium V1 ASIC 32 Bit Processor
<b>Magnetic Stripe Reader</b>	Triple track reader
<b>Smart Card Reader</b>	EMV Levels 1 & 2 approved (4.0)
<b>SAMs</b>	0 or 2
<b>Connectivity (Standard)</b>	Multi-protocol support on host port: RS232, RS485, USB/Powered USB RS232 protocol support on auxiliary port Ethernet support
<b>Security</b>	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
<b>Power</b>	12 VDC, 2 amp power supply Unit can be powered from cash registers, powered USB and standalone power supplies. Standard 5V USB will require the use of an external power adapter.
<b>Optional Contactless Payment Expansion Module Specifications</b>	Uses the industry standard four programmable LEDs to indicate power-on and successful read Read Proximity Range of 0 – 4 cm (1.57 in.) Radio Frequency of 13.56 MHz ISO14443 Type A & B with Mifare support Power provided by the host terminal RS232 communications to host Install in the field by simply replacing the foot of the terminal



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