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 graphical touch screen, triple track magnetic stripe reader, reliable electronic pen and EMV approved smart card reader provide an intuitive customer interface for payment and quick advertising at the checkout counter.

- The i6770 is secure – Visa PED compliant and 3DES capable – providing peace of mind for both the consumer and the retailer.

- The Ingenico 6770's comprehensive array of connectivity methods including Ethernet, Powered USB, RS485/Tailgate, RS232 and others enable 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

Secure transaction and payment solutions

Ingenico
6770

Processor	Ingenico Millennium V1 ASIC 32 Bit Processor
Memory	Standard 2MB RAM + 8MB Flash
Display	Graphical Passive Color 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
Magnetic Stripe Reader	Triple track reader – standard Long swipe path increases first pass read rate
Smart Card Reader	EMV Levels 1 & 2 approved (4.0) ISO 7816 1/2/3, Asynchronous T=0 & T=1 Cards 0 or 2 SAMs
Connectivity	RS232, USB, Powered USB, IVI LAN or RS485/Tailgate over the Host port Options include Ethernet, ISDN and analogue modem
Interface Ports	Port 1: HOST - RS232, RS485, USB, Powered USB or RS485/Tailgate Port 2: RS232 Port 3: Ethernet (optional) Port 4: ITI (optional) ISDN or an analogue modem
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 3DES PIN encryption DUKPT and MasterSession key management
Power	12 VDC, 2 Amp power supply Unit can be powered from cash registers, Powered USB and stand-alone power supplies. Standard 5V USB will require the use of an external power adapter.
Dimensions	3.54" x 8.26" x 8.26" (89.9 mm x 209.8 mm x 209.8 mm)
Weight	36.5 oz. (1034 g)
Application Development and Support	Ingenico UNICAPT 32 architecture

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.
- Available communications options include Ethernet and ITI for ISDN and analogue modem support.

Resilient consumer and retailer security

- The i6770's virtual keypad complies with Visa PIN Entry Requirements, as well as all relevant ANSI standards regarding debit security.
- Visa PED compliant and 3DES capable.
- DUKPT and MasterSession.

Inherent investment protection

- The i6770's smart card reader is EMV 4.0 approved, offering optimal interoperability and security.
- An optional Secure Access Module is available with 0 or 2 SAM slots.
- 8MB Flash memory is capable of storing 100 full screen color images.

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.

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