

# Ingenico 6550

**PIN Pad**      **Range**

## Customer-Activated Payment Terminal

The Ingenico 6550 was designed to accomplish one objective – provide the fastest and most secure customer checkout possible. It is built using the experience Ingenico has gained from being the world leader in customer-activated payment. For those retailers that require electronic signature capture, the i6550 provides a robust capacitive touch screen with electronic pen. The i6550's communication features and upgradeability make it the “price performance” leader in signature capture. The i6550 is secure – Visa PED certified and Triple DES capable – providing peace of mind for both the consumer and the retailer. The i6550 is a robust and resilient terminal that will reduce the total cost of ownership and decrease overhead via electronic signature capture.



**EMV**  
Fast transaction time



**UNICAPT®**  
Application compatibility



**HSC 32 bits**  
Secure module



**Ethernet**



**Remote downloading**



# Ingenico 6550



## Ingenico 6550 Specifications

- 2MB RAM with 8MB Flash
- Monochrome electrostatic touch screen display with signature capture
- Glass screen and capacitive technology with electronic pen and finger touch
- 15 key keypad
- Communications: RS232, USB, Powered USB and RS485
- Visa PED certified
- Triple track Magnetic Stripe Reader
- EMV-1 and EMV-2 approved Smart Card Reader
- Keypad privacy screen included
- DES, Triple DES, DUKPT and MasterSession

### Ingenico 6550 options

- 1MB RAM and 4MB Flash option available
- Customized for local language and local disability requirements
- Communications options include: Ethernet (TCP/IP), RS485/Tailgate and Analogue Modem
- 0 or 2 SAM slots

### Ingenico Contactless Payment Module specifications (optional)

- Uses industry standard four programmable LEDs 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 Module replaces the foot of the terminal and installs easily with a screwdriver.
- Innovative tilting contactless module design allows installation in a variety of different checkout configurations.



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## Proven, robust, intuitive and versatile user interface

- The Ingenico 6550 offers a large monochrome graphical screen with electrostatic signature capture. The i6550's glass screen has proven to be the most rugged and responsive surface for electronic signature capture available.
- The keys on the keypad are large, brightly colored and responsive to touch, making PIN entry or any other keypad functions simple and fast.

## Optimal connectivity

- The i6550's comprehensive array of communication support enables the terminal to fit in any host device connect, network or LAN environment.
- Standard host communication protocols include RS232, USB, Powered USB and RS485.
- Optional communication protocols include Ethernet, (TCP/IP), RS485/Tailgate and Analogue Modem.

## Resilient consumer and retailer security

- Visa PED certified and Triple DES capable.
- The i6550 is built with a reduced display viewing angle for consumer comfort and offers an optional Keypad Privacy Screen for retailers that operate in areas that require one.
- The i6550's smart card reader is EMV 4.0 approved, offering optimal interoperability and security.

## Additional options

- An optional Secure Access Module is available with 0 or 2 slots.
- 1MB RAM and 4MB Flash memory option is available.

## 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 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.