

# 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 tactile keypad features raised symbols to enhance usability for visually impaired consumers.
- The i6550 is secure – PCI PED approved 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**



**PCI PED  
Approved**



# Ingenico 6550



<b>Display</b>	Glass, monochrome screen using capacitive technology with finger touch and electronic pen for signature capture Glare resistant display is sealed to withstand accidental spillage of liquids with no damage to the terminal
<b>Keypad</b>	15-key tactile keypad meets requirements for the visually impaired Keypad privacy shield included
<b>Memory</b>	Standard 2MB RAM + 8MB Flash
<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 support on auxiliary port Ethernet support
<b>Security</b>	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
<b>Power</b>	Unit can be powered from cash registers, powered USB and standalone power supplies
<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
<b>Dimensions</b>	8.9 x 16.0 x 17.8 cm (3.5 x 6.25 x 7.0 in.)
<b>Weight</b>	600 g (1.3 lb.)

## Proven, robust, intuitive and versatile user interface

- The Ingenico 6550 offers a 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 integrated tactile keypad features responsive, brightly colored keys making PIN entry or any other keypad functions simple and fast. The keypad also has raised symbols to enhance usability for visually impaired consumers.

## Optimal connectivity

- The i6550's comprehensive array of communication support enables the terminal to fit in any host device, network or LAN environment.
- Standard host communication protocols include RS232, RS485, USB/powerd USB, and Ethernet.

## Resilient consumer and retailer security

- The i6550's keypad complies with PCI PED PIN Entry Requirements as well as all relevant ANSI standards regarding debit security.
- Support for Triple DES, DUKPT and MasterSession key management.
- The i6550'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 Module is certified to run with the following four programs:
  - American Express ExpressPay™
  - Mastercard PayPass™ ISO 14443 and PayPass Mag-Stripe Application (tested with e<sup>N</sup>-Touch 1000)
  - Visa Contactless MSD
  - Discover Network Zip

## 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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