

e^N-Touch 1000

Touch screen & signature capture

The e^N-Touch 1000 is the most rugged, versatile, simple-to-use terminal on the market. It is a foundation from which you can provide payments and value-added services to your customers. The e^N-Touch 1000 enables you to deliver targeted programs to individual consumers, resulting in more efficient marketing that drives incremental sales. Offerings such as electronic couponing, personal messaging, cross-selling, instant credit, promotions, advertising and others can be implemented in tandem with consumer-activated payments to enhance customer loyalty.



World leader in secure financial transaction solutions

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High-resolution graphics and generous signature area enhance the e^N-Touch 1000's ease of use. Its ability to simulate motion attracts customer attention and engages them with action-oriented prompts. Moreover, the e^N-Touch 1000 lets you design user interfaces that clearly and succinctly show customers how to complete a transaction. Now, retailers, financial institutions and other companies with point-of-service payments have a flexible tool on which to implement value-added applications that increase customer intimacy.

A Focal Point For e^N-to-e^N Consumer Marketing and Payment

Payment

- Credit
- Private label credit
- Debit
- EBT
- Check (via attached check reader)

Value-Added Consumer Programs

- Signature capture
- Scrolling customer display
- Targeted advertising/promotional messaging
- Loyalty programs
- Consumer help
- Instant credit applications
- Consumer surveys
- Cross selling
- Welcome and sign-in

Touch Screen: The Open, Intuitive Customer Interface

- Optimizes the delivery of value-added marketing and consumer payment
- Its large, clear backlit LCD display provides users brightness and clarity
- The durable glass screen extends display life, reducing your cost of ownership while keeping the unit presentable to your customers
- Its "high tech, high touch" solution features both electrostatic and capacitive technology - consumers can use their fingers or the inkless electronic pen - allowing them to choose the input method they prefer
- The touch screen design makes the e^N-touch 1000 very usable, flexible and intuitive, allowing you to implement applications in multiple languages with graphics and symbols keeping a consumer's attention
- The e^N-Touch 1000 ergonomically combines payment and promotional messaging on the same screen

Integrated and Robust Design

- Its integrated magnetic stripe reader and signature capture capability provide a single point of contact for delivering consumer payment and value-added services
- The durable glass screen and attached ink-less pen allow consumers to sign credit drafts, forms and applications electronically without scratching the screen

Reliable and Versatile Flash Memory

- Flash-based memory of up to 1.5 Mb can be downloaded remotely for increased screen definition and additional screens that provide new applications
- Flash memory protects stored information from conditions such as electrostatic discharge or transient voltages, decreasing downtime
- Flash memory eliminates the need for firmware chip changes by allowing the entire memory of the e^N-Touch 1000 to be downloaded remotely from the register, ultimately resulting in further cost savings



Security

- The e^N-Touch 1000 supports all logical and physical security requirements for credit and debit
- A secure integrated virtual PIN pad displays on the touch screen when called for in the transaction process
- The casing is designed to resist all levels of tampering
- The e^N-Touch 1000 uses an inherently secure micro-controller providing the most sophisticated security features available today

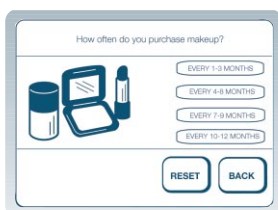
State of the Art Application Development Utilities

- The e^N-Touch 1000's Base Retail application supports credit, debit, EBT, signature capture, and customer graphics display. Optional applications can include a variety of advertising and custom applications
- Ingenico can customize the standard Base Retail Application for you, or provide you with tools to develop or modify your own application
- OPOS[®], OLE for Point of Sale, is an object-oriented programming environment used to develop POS terminal applications based on the popular Microsoft API's
- JPOS, Java Point of Sale, is an object-oriented programming environment used to develop POS terminal applications based on the popular Java language
- Standard Software Development Kits (SDK) for the base retail application, OPOS and JPOS POS environments are available
- Our e^N-Form tool kit is a group of Microsoft Active X controls, which facilitate application development and integration of the e^N-Touch 1000 to your POS system. The kit includes a visual form designer for creating graphical and interactive displays. Application interfaces include DOS, IBM 46XX (Flex OS) and Windows 95/NT

e^N-Touch 1000 is a Beginning to the e^N

Ingenico has prepared a complete and versatile suite of solutions, e^N-to-e^N Transactions Solutions, that enable the e^N-Touch 1000 to provide "one-to-one" consumer marketing services and payments. e^N-to-e^N Transactions Solutions provides a foundation from which a retailer can consolidate and add transaction types at the point of service through an intuitive open graphical user interface. It provides a foundation for message management that transcends the store to include the retailer's entire enterprise. Most importantly, e^N-to-e^N Transactions Solutions provides the means by which a provider can seamlessly integrate our suite of marketing and transaction management applications into your existing systems and communications infrastructure.

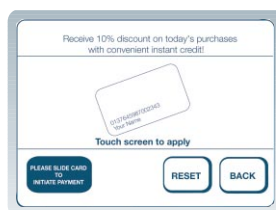
- e^N-Concert Store[™] Store-level payment and transaction software
- e^N-Concert Enterprise[™] Enterprise-wide payment and transaction management system
- e^N-Concert Insight[™] Intelligence based system for cost-efficient tender type management
- e^N-Concert Signia[™] Automates the credit card receipt, signature, and charge back process



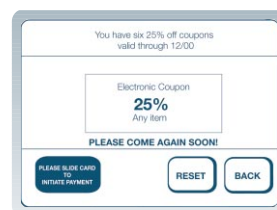
Perform quick customer satisfaction surveys.



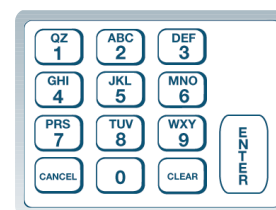
Durable LCD screen and attached inkless pen allow consumers to sign credit drafts, forms and applications electronically. The signature is replicated exactly for receipt printing and storage/retrieval.



Display instant credit applications to your customers.



Automate your coupon and gift certificate programs with the e^N-Touch 1000.



Customers use their fingers or the attached stylus pen to enter their PIN.

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TECHNICAL CHARACTERISTICS

e^N-Touch 1000

Display	VGA (320 x 240) backlit graphics LCD Dimensions are 4.5" x 3.4" Monochrome Signature area is width of screen and 1" high
Digitizer	Electronic static pen touch digitizer with 385 DPI resolution User can interact with screen via attached inkless electrostatic pen or capacitive finger touch
Memory	Standard memory is 512Kb flash and 128Kb SRAM Flash memory is upgradeable to 1.5Mb for additional application functionality and extra screen definition
Card Reader	Bi-directional magnetic stripe reader Dual track: (1 & 2) with triple track option
Interface Ports	RS232, RS485 Auxiliary RS232 port is available Additional RS232 ports are available via remote connector block (RBC) Single cable for power and host communications
Application	ANSI "C"
Applications Support	Base Retail Application available that supports credit, debit, electronic benefits transfer, signature capture, customer graphics display OPOS, OLE for Point of Sale, is an object-oriented programming environment used to develop POS terminal applications based on the popular Microsoft API's JPOS, Java Point of Sale, is an object-oriented programming environment used to develop POS terminal applications based on the popular Java language
Application Libraries	A Library of API's are available for applications written for Windows, FlexOS, and DOS
Software Developer ToolKits	Our e ^N -Form tool kit is a group of Microsoft Active X controls, which facilitate application development, and integration of the e ^N -Touch 1000 to your POS system. The kit includes a visual form designer for creating graphical and interactive displays. Application interfaces include DOS, IBM 46XX (Flex OS) and Windows 95/NT Base Retail Application provides application development for "standard" IBM POS Register Software and is compliant with the de-facto standards that most retailers follow e ^N -Touch 1000 Software Developer Toolkits (SDK) for base retail application, OPOS and JPOS environments
Security	ANSI X9.8 and X9.24 Master/Session support Visa® 2000 Multiple DUKPT and Master Session keys available on same unit Interac Secure key injection process required ISO 9564 Tamper-resistant security module DUKPT support Inherently secure microcontroller
Power	Voltage 11-14VDC 1.2 A power supply, 60 Hz, 24W
Dimensions & Weight	2.75" x 8.5" x 7.5" 28 oz.

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