

e^N-Touch 3100

Versatile touch screen terminal

e^N-Touch 3100 is a versatile, touch screen terminal with applications in retail payment, e-commerce, Internet messaging and more. Its large touch screen* provides programming flexibility for screen design while operating convenience is greatly enhanced. The user interfaces generated by software applications can be written to new levels of efficiency as developers are no longer restricted to "fixed-keys" and small displays. The e^N-Touch 3100 takes your business beyond traditional transactions with a creative, open software development environment, limited only by your imagination.



World leader in secure financial transaction solutions

e^N-Touch 3100

Taking Your Business

Beyond Traditional

THE e^N-TOUCH 3100

HAS MORE VERSATILITY AND PROCESSING POWER THAN ANY OTHER CONVENTIONAL PAYMENT TERMINAL ON THE MARKET TODAY. ITS TOUCH SCREEN TECHNOLOGY, HIGH SPEED COMMUNICATIONS, BUILT-IN THERMAL PRINTER AND VAST MEMORY PROVIDE A PLATFORM FOR DEVELOPING A MULTITUDE OF UNIQUE AND VALUE-ADDED APPLICATIONS.

Reduce Operating Costs

- The e^N-Touch 3100's touch screen provides the ideal user interface to build self-help screens
- High-speed modem allows for fast, reliable downloads of software enhancements
- Help desk services can be enhanced through on-line "eyes"

State Of The Art Design

- Large touch screen is intuitive to use
- Compact footprint provides more useable counter space
- Printer design simplifies paper roll changes
- Adjustable feet eliminate screen glare
- Supports 3 track magnetic stripe cards

Unsurpassed Versatility

- Multiple ports provide for a wide range of external devices such as:
 - External Printers
 - PIN Pad
 - Bar Code Scanner
 - Check Reader
 - Signature Capture Device
- Communications Via RS485 LAN Port, Ethernet Port, Dial Modems and Internet Protocol
- Built-in speaker capable of producing tones, voice and music

SECURE PIN ENTRY AND SMART CARD READING CAN BE EASILY OBTAINED WITH THE ADDITION OF THE e^N-CRYPT 1200, e^N-CRYPT 150 OR e^N-CRYPT 100



Solutions



INTEGRATED PRINTER MODULE

- Reduces equipment required at point of sale
- Reduces cabling and power requirements
- Eliminates need for a terminal "stacker"

ADJUSTABLE SCREEN ANGLE

- Eliminates unwanted glare
- Feet at rear of printer rotate for optimum viewing angle

BI-DIRECTIONAL MSR - TRACKS 1, 2, 3

- Patented design ensures consistent accuracy of magnetic stripe reads
- Ergonomic "ski-jump" design of MSR track reduces card "bounce"

TOUCHSCREEN

- Modern touch screen maximizes flexibility of user interface and transaction lead-through design
- Programmable informational screens reduce training and help desk costs
- User defined "buttons" for simple, intuitive keyboard layouts
- Screen is protected by hardened mylar covering and a spill resistant design
- Screen has a simulated tactile feel

Programmable Touch Screen Provides Unlimited Versatility



ECR

The eⁿ-Touch 3100 can perform all the functions of your basic ECR in a compact, and cost effective platform. Simply add a cash drawer and the appropriate software and you are up and running.



COMPACT DESIGN

The integrated design of the eⁿ-Touch 3100 takes up significantly less space than conventional payment systems. Fewer cables and cords and less "clutter".



ORDER ENTRY

Simplify the ordering process, reduce costs and increase customer loyalty by using the eⁿ-Touch 3100's large memory, Internet communications and flexible touch screen design.



DETACHABLE PRINTER

The printer is detachable for easy maintenance and comes with adjustable legs to eliminate the glare of overhead lights on the screen.



WEB BROWSER

The eⁿ-Touch 3100 is ideal for Internet applications with its high speed modem, ethernet connection, TCP/IP communications and a graphic screen capable of being used as a custom browser.



EASY LOAD PAPER

Simply open the printer cover, drop in a roll of thermal paper and close. You are now ready to continue printing.



TRANSACTIONS

Handling electronic payment transactions has never been easier. The eⁿ-Touch 3100's intuitive and user friendly screen speeds transaction entry, while the high speed modem ensures rapid communications. Help screens can be easily incorporated to handle most questions at the point of sale without tying up a telephone line to a support desk.



CONNECTIVITY

The eⁿ-Touch 3100 comes with a multitude of connectivity options. Use the high speed dial modem, Ethernet modem, RS485 LAN port, PIN pad ports, or additional RS232 ports to connect peripherals.



GRAPHIC SCREENS

Enhance your corporate image, send a visual message, or simply create easy-to-use entry screens. The large touch screen with back lighting provides an ideal platform to create graphic or animated screens to enhance communications and applications.



SOFTWARE MODULES

Licensable software modules speed the development and implementation of applications.

Transactions

Unlimited User Interfaces

THE LARGE TOUCH SCREEN PROVIDES PROGRAMMING FLEXIBILITY AND EASE OF USE NEVER BEFORE AVAILABLE IN A CONVENTIONAL PAYMENT TERMINAL. THE DEVELOPMENT OF USER INTERFACES (SCREEN LAYOUTS) IS ONLY LIMITED BY YOUR IMAGINATION.

Create Applications and Screens For:

- Graphic Messages & Logos
- Loyalty Applications
- Web Browser
- Marketing Research
- Cash Register Functions
- Bill Payments
- Help Functions
- On-Line Applications
- Electronic Payments
- Store Locator

Internet Capable

The high-speed communications through Ethernet or dial modem can handle Internet communications easily and provide fast downloads of software applications and enhancements.

Integrated Thermal Printer

A 12 lines per second thermal printer provides fast, quiet and highly legible receipts. Its quick change paper roll system is sure to be a favorite feature for all your operating staff. The printer is detachable for easy maintenance and comes with adjustable legs designed to reduce the glare of overhead lights on the touch screen.

Removable Memory Card

The eⁿ-Touch 3100 comes with a unique memory design that utilizes an easily removed and upgradable memory card. Standard is a 8 Mb memory card that is upgradable to 64 Mb and beyond. This memory card stores application information, batch files and more. Its versatile design simplifies field updates and terminal replacement if required.



** Screen not exactly as shown*

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TECHNICAL CHARACTERISTICS

e^N-Touch 3100

Touch Panel & Display	Portrait orientation VGA – 4.5" x 3.4" (114mm x 86mm) backlit LCD with contrast control Resistive technology touch panel with anti-glare protective layer Angle adjustment feature to reduce glare LCD resolution 5000/inch ²
Processor	Hitachi 7707 32-bit processor running at 60 MHz
Memory	Minimum 8 Mb Flash memory card, maximum 64 Mb Flash memory
Communication Ports	Dial Modem supports speeds up to 33.6 Kbps Ethernet port 10 BaseT RS485 port for LAN (Local Area Network) to 19,200 bps
Peripheral Ports	2 x RS232 Secure PIN entry device ports (RS232, TTL) (Integrated printer is driven by its own, separate port)
Printer Fonts/Graphics	Fonts: 32 character country specific font, 96 character ASCII font, 128 character international font, all printable as double wide, double high and double high/wide characters. All printable in reverse. Full graphics capability
Print Head	Type: Thick film thermal – 8 dots/mm, 72 mm wide print field, 576 dots Printhead life: 50 million pulses per dot or 50 km of paper feed
Power	Line voltage 110 to 240 volts, 50 to 60 Hz, 1.1A Output 24VDC 1.0 A regulated power supply
Printer	Method: Direct thermal dot matrix Speed: 12 lines per second
Paper	Type: Thermal sensitive, single ply POS or facsimile grade Thickness: 0.0024 in (0.061 mm) maximum Roll Width: 3.0 +/- 0.020 in (76 mm +/- 0.5 mm) Roll Diameter: 3.03 in (77 mm maximum) Roll Core (inner diameter): 0.480 in (12.2 mm) Roll Core (outer diameter): 0.625 in (15.9 mm)
Magnetic Stripe Reader	Bi-directional three track reader, Patented design
Programming	Sequel or "C" Comprehensive libraries of commonly used routines are available as a licensable option, TCP/IP, SSL Libraries
Integrated PIN Entry Device Holder	Integrated, modular PIN entry device holder available as an option
Environmental	Storage temperature 32F to 140F (0C to 60C) Operating temperature 32F to 104F (0C to 40C) Humidity 5% to 90%, RH, non-condensing
Dimensions & Weight	10.7" (270 mm) x 7.36" (187 mm) x Height at front: 2.28" (58 mm) Height at back: 6.7" (170 mm) 3.9 lbs (1.78 kg including paper roll)

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