

e^N-Counter 4000

Retail and restaurant system

The e^N-Counter 4000 is the last POS terminal you will ever need. This powerful yet flexible terminal serves as a standalone POS terminal or as a gateway in a LAN system. In a LAN configuration, the e^N-Counter 4100 is installed as the LAN workstation providing batch consolidation, communication gateway services and POS transaction acceptance.

The feature-rich e^N-Counter 4000 Retail/Restaurant application supports credit, debit, EBT, and check services when an e^N-Check check reader is attached.

The e^N-Counter 4000 is an excellent investment for all merchants - particularly those merchants who are planning to grow and would like the option of expanding their POS solution into a LAN.



World leader in secure financial transaction solutions

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The e^N-Counter 4000 is an innovative, modular solution for retailers and restaurants. It has a long list of powerful features and options, making it one of the most versatile POS terminals on the market. The e^N-Counter 4000 POS solution can be configured to meet a customer's specific requirements as a stand alone terminal or in a local area network configuration.

e^N-Counter 4000 Terminal and e^N-Counter 4100 Workstation

The e^N-Counter 4000 is a stand-alone EFT POS terminal that can be implemented with an integrated printer. You have the option of using an external PIN pad and/or external printer to support your unique operational requirements.

The e^N-Counter 4100 workstation can be configured like the e^N-Counter 4000 terminal, supporting the same application features. It operates as a workstation with the e^N-LAN 4000 and within environments that do not require a modem.

Enhanced Speed and POS Convenience

- e^N-Counter 4000's keypad is simple to use, making transactions fast and easy - even for first-time operators
- Large keys are clearly marked and intuitively designed
- Soft keys below the LCD allow ATM-like prompting
- Backlit graphics display lets you create customized operator prompts up to 4 lines x 21 characters in virtually any language



Designed to Meet the Needs of the Point of Service

- Large, expandable memory and powerful LAN capabilities give e^N-Counter 4000 the horsepower for fast-paced, multi-terminal environments
- Small footprint makes it a perfect fit for merchants with limited counter space
- Swivel stand makes this package even more convenient and easy to use
- Optional third RS232 port can be used for additional peripherals

Terminal Features Simplify Training and Minimize Support Costs

- Keypad, display and card readers are identical for stand-alone and LAN configurations
- Same software can be designed to run on the e^N-Counter 4000 POS terminal and e^N-Counter 4100 POS workstation

Integrated Printer Module is Fast and Quiet

- All terminal configurations offer the option of using an external printer or adding the e^N-Counter 4000's integrated thermal printer
- Prints up to 12 lines per second
- Quiet thermal cartridge-style printer connects easily to the back of the terminal for the ultimate in integrated POS convenience
- Capable of printing graphics, reverse printing and scalable pitch and height
- Durable metal tear bar provides clean cut receipts
- No paper spool required
- No messy ribbons to change
- Utilizes power from either the e^N-Counter 4000 terminal or e^N-Counter 4100 workstation
- Very reliable and durable



Intuitive and Feature-Rich Retail/Restaurant Application Suite

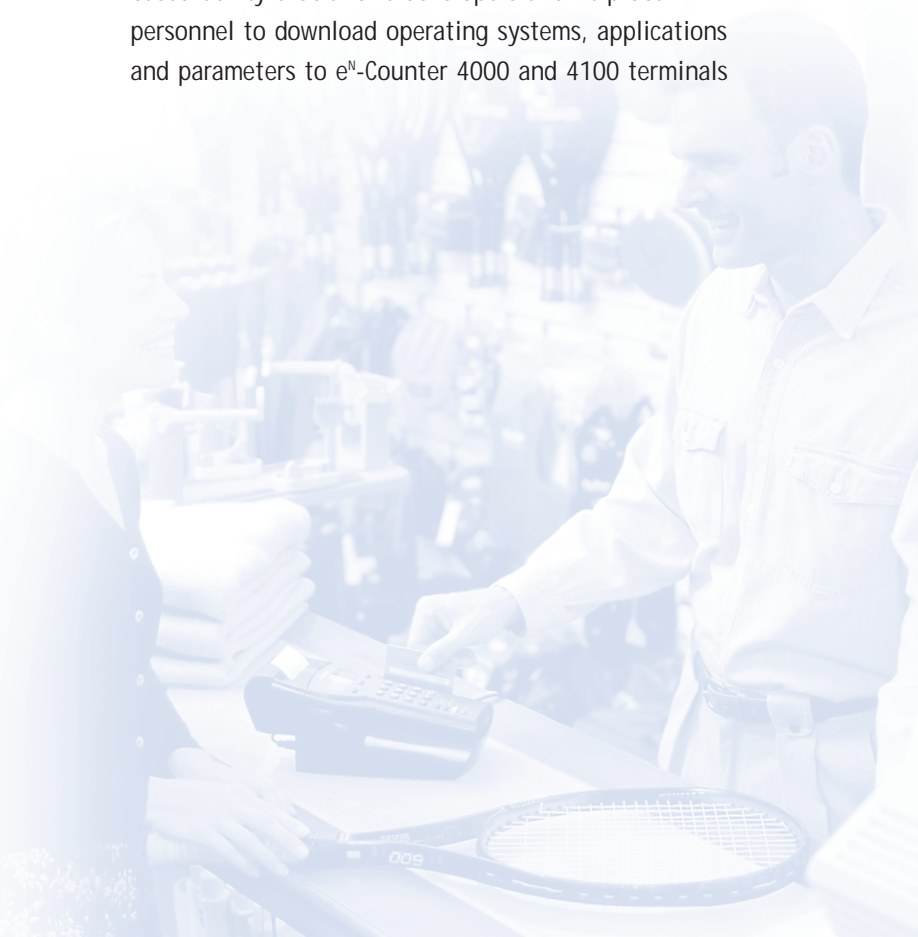
- Combined credit and debit with optional cashback support
- Reprint any receipt from any terminal using the reprint key
- Check authorization through specified check processors
- Mail Order/Telephone Order (MO/TO) with Address Verification Service (AVS)
- Off-line training mode available anytime
- Optional prompts easy to add and personalize
 - clerk/server number, order number/ticket number, custom prompts (up to three)
- Password protection
 - three levels, easy to personalize
- Comprehensive reporting
 - clerk/server, detail, summary, shift, custom
- "Tip immediate"/"tip later"
 - accommodates cashier based, fine dining and retail tip needs
- "Tip assist"
 - calculation of tip percentages based on total receipt
- "Tip adjust"
 - add/modify any tip within an open batch
- Duplicate transaction checking
- Shift options - up to nine
- Restaurant/bar tab feature
- Discount calculation on tips by server
- Customized header, middle, and footer lines, six lines available for each

Superior Peripherals and Local Area Network Solution

- The e^N-Crypt 100 is a low-cost, secure PIN pad that supports multiple key management schemes
- The e^N-Check 2500 provides the highest read accuracy rate and reliability of any check reader on the market
- e^N-LAN 4000 is a flexible, powerful solution ideal for retail merchants, restaurants and lodging establishments requiring multiple terminals who also want the convenience of consolidating authorization calls and transaction batches

Rich Set of Development Tools and Download Utilities

- The e^N-Soft 4000 Software Development Tool Kit (SDK) makes it easy to unlock the full potential of the e^N-Counter 4000 terminal and e^N-Counter 4100 workstation
- The e^N-Soft 4000 Terminal Load Utility is a Windows®-based utility that allows developers and help desk personnel to download operating systems, applications and parameters to e^N-Counter 4000 and 4100 terminals



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TECHNICAL CHARACTERISTICS

e^N-Counter 4000

Graphic LCD Display	Graphic LCD display with up to 4 lines, 21 characters per line, 32 x 123 pixel addresses available
Memory	512 Kb flash memory and 128 Kb SRAM, Expansion to 3.7 Mb Remote downloading of operating system and applications Lithium battery back-up (5 years)
Microprocessor	80C186, 16 bits, 12 MHz
Magnetic Stripe Reader Options	Track 1 & 2 or track 2 & 3
Fast Thermal Printer Options	Integrated thermal printer - up to 12 lines per second printing - easily attaches to and detaches from terminal - graphics, reverse printing, scalable pitch and height - up to 32 or 42 characters per 2.12" (54 mm) row - metal tear bar provides clean cut e ^N -Scribe 612 thermal printer - no paper spool required - no messy ribbons to change - utilizes power from e ^N -Counter 4000 or 4100 - 2.25" (58 mm) paper width
Color Coded Ports	RS232 8-pin mini-din RS232 6-pin mini-din RS232 8-pin mini-din (option) RS485 7-pin mini-din (LAN) RJ11 Connector Additional port for telephone handset for shared line
Smart Card Reader	Front-half insert ISO 7816-1,-2 & 3 T=0, T=1 Second smart card reader option - bottom half insert with plastic cover available for security, holds full ISO card
PIN Pad	e ^N -Crypt 100
Modem (available with e ^N -Counter 4000 terminal)	300/1200/2400 bps asynchronous Full duplex Auto-dial/auto-answer Bell 103/212A and CCITT V.21/V.22 compatible
Software	C or C++ Borland™ C++ Compiler and Paradigm™ locator/debugger (order separately) Multi-tasking operating system Software Development Kit available PC download and encryption utility available
Dimensions & Weight	8.25" (20.95 cm) (Integrated printer adds 4.0" (10.16 cm) to height) x 3.5" (8.89 cm) x 5.0" (12.7 cm) 1.6 lbs. (.72 kg) without integrated printer 2.3 lbs. (1.05 kg) with integrated printer

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