



Everest Payment Terminal

Powerful Debit Capabilities

That Improve Your Sales And Profits.

With the growing popularity of debit payment programs, multi-lane retailers increasingly need a convenient way to offer this option to customers. VeriFone's customer-activated Everest™ payment terminal meets this demand. A cost-effective, add-on solution, Everest works with your existing point-of-sale (POS) equipment. It lets you accept debit cards without incurring a major expense. It gives your customers more payment options, which can mean more business for you. And it saves you money because debit transactions cost less than credit card or check transactions.

With the Everest terminal's built-in card reader and internal PIN pad, customers can initiate their own transactions using ATM and credit cards—or your private-label card. Everest automatically transmits the data to your inlane system, which handles the authorization and receipt printing.

Direct Connection To Your Current System

Whether you use an integrated, a semi-integrated or a stand-beside configuration, Everest complements your existing POS system. Through configurable port connections, it plugs right into IBM, NCR, ICL or other electronic cash registers. In addition, you can use Everest as a stand-beside payment terminal in a LAN environment. With a LAN, your stores won't need multiple dial telephone lines to process transactions. And because Everest supports all these connections in one terminal, it makes it easy to migrate from a stand-beside to an integrated debit solution.

The Right Mix Of Ports

With three input/output ports plus a choice of configurations, Everest gives you the right mix of RS-232, RS-485 and LAN ports for all your business needs. What's more, Everest uses cable sensing, which lets the payment terminal "detect" the type of cable connected and adjust the port configuration accordingly. So you get a terminal that meets your current and future connectivity requirements.

Through standard peripheral ports, Everest lets you connect a check reader plus a smart card reader or other peripheral device. Because Everest provides power to the attached peripherals, there are fewer cables cluttering the counter.

More Memory Plus A Flash EPROM

Using the Flash memory, you can download new operating systems directly from the host to the Everest terminal. This not only simplifies minor upgrades, it also means you can change the entire operating system without removing the existing EPROM.

Additionally, Everest offers you a choice of memory configurations. Select the standard 256 Kbytes of memory (a 128-Kbyte Flash EPROM plus 128 Kbytes of RAM). Or, for more processing power, pick the optional 385-Kbyte model and get a full 256 Kbytes of RAM for your application and transaction storage plus a 128-Kbyte EPROM for the operating system.

An Everest Strength: Ease Of Use

Like an ATM, Everest makes customer-activated transactions quick and easy. It offers increased convenience for both customers and cashiers.

An intuitive interface leads cardholders through each step of a purchase, prompting them to swipe the card, enter a PIN and verify the transaction. (A curved case and recessed display offer customers privacy during PIN entry.) The terminal keys are clearly labeled by function and respond with a firm snap when pressed. Everest also has a vacuum fluorescent display that can be read in virtually any light. And, it uses a clearly marked, recessed swipe slot to guide cards with accuracy.

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Features

- Connects to most retail POS systems, adding an integrated debit option to your existing system
- Supports a LAN for stand-beside configurations
- Supports customer activation, which speeds throughput in the lane
- Supports credit, debit, EBT and check authorization transactions
- Allows customers to enter their PINs via an internal PIN pad
- Provides power to peripherals, eliminating the need for multiple power packs
- Uses durable, soil-resistant, long-lasting keys that respond with a firm snap
- Simplifies the creation and updating of application programs through industry-standard C language and off-the-shelf tool packages
- Uses Flash memory with support for application and operating system downloads, eliminating the need to change the terminal EPROM
- Reduces the risk of accidental disconnection by eliminating exposed cables

Specifications

Hardware

Microprocessor	Motorola 68302
Memory	Standard: 256 Kbytes (128-Kbyte Flash EPROM/128 Kbytes of RAM) Option: 385 Kbytes (128-Kbyte Flash EPROM/256 Kbytes of RAM)
Display	2x16 dot matrix, vacuum fluorescent (VFD)
Card Reader	Bi-directional, supports track 1 and 2
Keyboard	18 Keys (10 alphanumeric, 3 screen-addressable, 3 soft function, 1 CLEAR and 1 ENTER)
I/O Port Configurations	Cable sensing: (a) 1 RS-485/RS-232 port and 2 RS-232 ports (b) 1 RS-485/RS-232 port, 1 LAN/RS-232 port and 1 RS-232 port Fixed port: (a) 1 RS-485 port and 1 RS-232 port (b) 1 RS-485 port and 2 RS-232 ports
Security	Master/Session and DUKPT Encryption

Physical

Height	6.38 in (162 mm)
Width	5.16 in (131 mm)
Depth	1.93 in (49 mm)
Weight	1.5 lbs (0.68 kg)

Environmental

Operating Temperature	32° to 104° F (0° to 40° C)
Operating Humidity	10% to 80%, non-condensing

Power

Voltage	120 VAC, 60 Hz
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