



Everest*Plus*



POWERFUL payment capabilities,
with **ENHANCED** security, reliability
and functionality

The VeriFone Everest*Plus* payment terminal is the new workhorse for multi-lane retailers. It is built on VeriFone's leading Everest platform, which supports a broad range of payment options easily and inexpensively.

Now, Everest*Plus* takes these advantages to greater heights by providing significantly enhanced security, an improved terminal design, a triple-track card reader, and an industry-leading three-year warranty.

Superior physical and logical security

Everest*Plus* with VeriFone's exclusive VeriShield security architecture fully meets published specifications for secure PIN-entry devices (PED). VeriShield takes security even further, incorporating additional file authentication capabilities and tamper-resistant features that restrict unauthorized access to the inner workings of the Everest*Plus* terminal.

The sophisticated file authentication process of the VeriShield architecture—including digital signatures and digital certificates—prevents the execution of unauthorized software on the terminal. In fact, no terminal provides more complete application security than Everest*Plus*.

Benefits at a glance

Fully **compliant** with
the latest **specifications**
for PIN-entry devices

An **easy-to-use** design with
exceptional **security**

An intuitive **interface** that
speeds customer throughput

Industry-leading
three-year **warranty**



Everest^{Plus}

Improved functionality and reliability

The Everest^{Plus} payment terminal provides an innovative triple-track card reader that reads all magnetic stripe cards—including drivers' licenses—more quickly and accurately than previously possible. The terminal features a keypad with tactile enhancements for visually challenged customers, and a cable-locking mechanism that secures the terminal's cables while reducing clutter. In addition, the Everest^{Plus} supports all existing Everest applications.

Even better, Everest^{Plus} is so reliable that VeriFone has extended the terminal's standard warranty to three years.

The right connections

Everest^{Plus} is fully compatible with your current point-of-sale (POS) devices, or can run in a stand-beside LAN environment. You can easily connect and even power additional peripherals as needed.

Unbeatable ease of use

Finally, the Everest^{Plus} terminal's design allows customers to speed through lines with a minimum of errors. An intuitive interface prompts customers to swipe their cards, enter their PINs and verify the transaction. Keys are clearly labeled and the terminal's display can be read in almost any light.



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Specifications

Hardware

Microprocessor	Motorola 68302
Memory	768 Kbytes (512-Kbyte Flash EPROM, 256 Kbytes of RAM)
Display	2 x 16 dot matrix, vacuum fluorescent (VFD)
Card Reader	Bidirectional; available in dual-track (1, 2) or triple-track (1, 2, 3) versions
Keypad	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
Security	Master/Session and DUKPT encryption; PED compliant; VeriShield file authentication
Standard Warranty	Three years

Physical

Height	6.38 in (162 mm)
Width	5.24 in (133 mm)
Depth	2.11 in (53.7 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 Requirements

Voltage	12 VDC
Amperage	350 mA
Power Supply	Input: 120 VAC@60 Hz ± 10% Output: 12 VDC, 1 Amp

Features

- Complies with tough security specifications for PIN-entry devices (PED)
- Incorporates VeriFone's VeriShield security architecture—providing fast, flexible file authentication capabilities and advanced protection for tamper-resistant terminal security
- Integrates with most retail POS systems or operates in a stand-beside LAN environment
- Supports a variety of payment capabilities including credit, debit, EBT, and check authorization
- Supplies power to peripherals, reducing cable clutter
- Utilizes durable, soil-resistant, long-lasting keys with tactile enhancements for visually challenged customers
- Simplifies application creation and updating through industry-standard C language and off-the-shelf programming tools
- Incorporates Flash memory and battery-backed RAM to handle remote downloads of application and operating system software
- Features an industry-leading three-year warranty on the terminal and its components