

BENEFITS AT A GLANCE

- Superior performance for faster transaction processing
- Broadband speed wherever merchants have a power source
- Wireless communications create recurring revenue
- PCI PED approved, advanced security including SSL/TLS



Ultra-High Performance with Flexible, Secure Communications

VeriFone's VX 510 GPRS offers extraordinary performance for payment and value-added applications — and it dramatically reduces transaction time to just a few seconds. In addition, the VX 510 GPRS requires only a power source; no extra cabling needed. A recurring revenue model is available via the wireless service.

Our proven Veri-based platform leverages existing applications, streamlines certification and implementation, and minimizes help desk costs to get merchants

up and running quickly and efficiently. Plus its ample memory facilitates the addition of revenue-generating applications, such as telco, loyalty and gift.

The VX 510 GPRS offers a choice of GPRS and Dial connectivity. The dual communications options allow built-in dial capability to be used today then switched to wireless communication options at any time. Or merchants with existing wireless service can immediately process payments using GPRS communication.

The PCI PED approved VX 510 GPRS also offers the latest and most reliable security protections — including SSL/TLS, 3DES encryption, Master/Session and DUKPT key management and VeriShield file authentication — along with VeriFone's unmatched reliability and quality.

VX 510 GPRS

Big Things in a Small Package

Vx 510 GPRS



SPECIFICATIONS

Processor

200 MHz ARM9 32-bit RISC processor

Memory

6 MB (4 MB of Flash, 2 MB SRAM)
12 MB (8 MB of Flash, 4 MB SRAM)

Display

128 x 64 pixel graphical LCD with backlighting; supports 8 lines x 21 characters

Magnetic Card Reader

Triple track (tracks 1, 2, 3), high coercivity, bi-directional

Keypad

3 x 4 numeric keypad, plus 8 soft-function keys and 4 screen-addressable keys

Peripheral Ports

One RS-232 port, one telco port, and one USB Host port support communications and peripherals including PIN pads and contactless devices

Printer

Integrated thermal with graphics capabilities, 18 lines per second, 32 or 42 columns; standard roll paper 58 mm (2.25 in.) x 25 M (82 ft.), single ply

Dial Modem

Standard 14.4 kbps modem supporting Bell 103/212a, CCITT V.21/V.22/V.22bis/V.32/V.32bis (300/1200/2400/9600/14400 and HC Fast Connect for 1200 bps)

Modem

Supports Wide Area Wireless GSM/GPRS on 850/900/1800/1900 MHz

Protocols

Application selects between asynchronous protocols (Visa 1, Visa 2, and others) and synchronous protocols (including ISO 8583/SDLC)

Security

SSL/TLS 1.1, 3DES encryption, Master/Session and DUKPT key management; PCI PED approved; VeriShield file authentication

Physical

Length: 209 mm (8 in.); Width: 102 mm (4 in.); Height: 72 mm (2.8 in.) Weight: Terminal/500 g (1.10 lbs.), Full shipping/1,326 g (2.84 lbs.)

Environmental

0° to 40° C (32° to 104° F) operating temperature; 5% to 90% relative humidity, non-condensing

Voltage

AC input 100 - 240 VAC, 50/60 Hz; DC Output 8.6 - 9.4 VDC, 4.0 Amp

Features & Benefits

Unmatched Performance

- Wireless capabilities are built into the device for faster transactions speeds and shorter checkout lines
- 200 MHz 32-bit RISC processor — the fastest processor in the industry for multi-tasking capabilities
- Up to 12 MB of lightning-fast DMM (dynamically managed memory) provide exceptional processing on debit, credit, EBT and value-added transactions
- Service offerings through VeriFone Connect make it easy for merchants to accept wireless electronic transactions wherever they have a power source
- File compression, used in conjunction with high-speed networks or high-speed modems, greatly streamlines application downloads
- Integrated high-speed thermal printer is quiet and fast with drop-in, "clam shell" loading to simplify paper changing and eliminate jams

Easy to Use

- Familiar intuitive ATM-style interface and ergonomic keys minimize clerk training and consumer entry errors
- Large backlit display and bold menu prompts is easier to see than competitive devices which speed lines and reduce errors
- Application separation at both the hardware and software level minimizes or eliminates the need to recertify existing payment applications every time an application is added or modified
- Sleek and stylish, with an extremely small footprint and "hand-over" design for customer PIN entry

Advanced Security And Superior Reliability

- Latest security protections include advanced 3DES encryption, Master/Session and Derived Unique Key Per Transaction (DUKPT) management, and sophisticated VeriShield file authentication and tamper resistance
- PCI PED approved for debit
- Internal PIN pad for debit and other PIN-based applications
- MasterCard PTS approved for advanced encryption protection of IP-based communication
- VeriShield Retain file authentication software provides unsurpassed security and protection against unauthorized access to payment devices, while also security accommodating trusted third parties

