Vˣ 510 GPRS

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 is needed. A recurring revenue model is available via the wireless service.

Our proven Verix-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.

VeriFone®

THE WAY TO PAY™

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, 22, 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
0º to 40º C (32º to 104º 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 transaction 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 are easier to see than competitive devices, which speeds lines and reduces 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 securely accommodating trusted third parties

PA-DSS APPROVED

VeriFone

THE WAY TO PAY™

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