

# VX 520 COLOR

## ROBUST PERFORMANCE THAT LEADS AND EXCEEDS

The VX 520 Color leads the way with unprecedented performance, mission-critical features and more of everything you want in a countertop payment device with a color LCD. More revenue opportunities. Flexible connectivity. Uncompromising security and dependability. All on the proven VX platform.



### Processor

400 MHz ARM11 32-bit processor

### Memory

160 MB (128 MB of Flash, 32 MB of SDRAM) standard, designed to support up to 500 MB

### Display

2.8", 240 x 320 pixel color TFT (QVGA)

### Mag-stripe Reader

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



### PROVEN, POPULAR PLATFORM – EVOLVED FOR TODAY

- Runs on the advanced VX Evolution platform – powered by the time-tested Verix operating system, with over eleven million Verix-based devices sold
- Powered by HSPA+ 3G – with Ethernet and dial back-up for faster processing, fewer dropped transactions and streamlined downloads
- Consistency and high usability ensure lower cost of ownership and ease of use

### UNPARALLELED FEATURES DELIVER NEXT-LEVEL PERFORMANCE

- Available with VeriFone's NFC software technology, enabling full flexibility to manage multiple NFC mobile wallets, apps and programs. All apps are fully insulated and firewalled from each other and existing payment apps, ensuring complete security on payment transactions while adding wallets, value-add offers, coupons and loyalty support
- Takes advantage of the industry's fastest ARM11 processor to handle encryption, decryption and processing at lightning speeds – moving more transactions in the same time for greater profits
- Uniquely designed communication port area neatly connects cables under the device for clean countertops
- Combines an ergonomic design, small footprint and unique cable management system to optimize handover usage
- Simplified dial and Ethernet connectivity suitable for various environments

### REASSURING CONFIDENCE FROM FULL-SPECTRUM SECURITY

- EMV-ready with standard PCI PTS 3.0
- Provides end-to-end encryption with VeriShield Total Protect, to maximize protection against fraud and misuse

### SUPERIOR VALUE FROM EXTENDED-LIFE DESIGN

- Leverages VeriFone's unmatched reputation for quality with longer-life components to extend the field life of devices and minimize repair frequency
- Metal dome keypad design delivers one of the most reliable keypads in the POS industry, withstanding more than one million key presses
- Standard 15-key layout and 5-way navigation button

### Primary Smart Card

ISO 7816, 1.8V, 3V, 5V; synchronous and asynchronous cards; EMV Level 1 and 2 Type Approval

### SAM Card Reader

3 Security Access Modules (SAMs)

### Keypad

3x4 numeric backlit keypad, 4 screen-addressable keys and a navigation key

### Peripheral Ports

One Ethernet (10/100BaseT), one telco, one RS-232 port, one USB 2.0 Host port and one USB Client port supporting peripherals including PIN pads and contactless devices

### Printer

Integrated thermal with graphics capabilities, 24 lines per second, 24 or 32 columns; standard roll paper Width: 58mm (2.25 in.); Height: 40mm (1.9 in.), single ply

### Modem

HSPA+ 3G radio, standard 56 kbps modem Bell 103/212a, CCITT V.21/V.22/V.22bis/V.32/V.32bis (300/1200/2400/9600/14400/33.6/56 and HC FastConnect for 1200bps) | GSM 850/900/1800/1900 WCDMA 900/2100 MHz | Dual SIM

### Contactless Support

ISO 14443 A/B | MasterCard PayPass M/Chip, MagStripe | Visa payWave MSD, qVSDC | Discover Zip | American Express ExpressPay | Pass-through MiFare | Ready for NFC mobile wallets and apps

### Protocols

Application selects between asynchronous protocols (Visa 1, Visa 2 and others) and synchronous protocols (including ISO 8583/SDLC); Communication protocol is V.92/V.34/V.32 BIS/V.32

### Security

SSL v3.0, 3DES encryption, Master/Session and DUKPT key management; PCI PTS 3.0 standard; VeriShield file authentication

### Physical

Length: 203mm (8.0in.); Width: 87mm (3.4in.); Height: 76mm (3.0in.); Weight: 500g

### Environmental

0° to 40° C (32° to 104° F) operating temperature; 5% to 90% relative humidity, non-condensing; -20° to 60° C (-4° to 140° F) storage temperature

### Voltage

AC input 100 – 240 VAC, 50/60 Hz; DC output 8V 2.25A

