



## Verifone VX 680

Go places with Verifone's VX 680. Specifically tailored to the needs of merchants on the move, this full-function, portable payment device is power packed with performance. Businesses from delivery services and stadium vendors to restaurants will benefit from wireless connection options, lightning-fast processing speeds and the reliability and security of the proven VX platform.

- Delivers wireless connection through GPRS, WiFi/Bluetooth combo or 3G to meet any environment requirement
- Enables mobile payments with Verifone's NFC software technology
- Supports loyalty-building, profit-producing and value-added applications
- Offers maximum security and compliance with end-to-end encryption
- PCI PED 2.0 and PCI PTS 3.0 approved

## Specifications

### Processor

400 MHz, ARM11 32-bit RISC processor

### Memory

192MB (128MB Flash, 64MB SDRAM)

### Display

3.5" color QVGA, resistive touch screen

### Printer

18 lps, 38mm paper roll

### Terminal Connectivity

- VX 680 GPRS: GSM/GPRS 850/900/1800/1900 MHz
- VX 680 WF/BT: WiFi 802.11b/g/n; Bluetooth local area
- VX 680 3G: GSM/GPRS/EDGE 850/900/1800/1900 MHz; UMTS/HSPA+ 800/850/900/1900/2100 MHz

### Base Connectivity

- VX 680 GPRS, VX 680 3G: Ethernet, dial-up modem, UART (via USB dongle)
- VX 680 WF/BT: Ethernet, dial-up modem

### Card Readers

Triple track MSR, landed smart card

### Contactless

ISO14443 A&B, MiFare, ISO18092-capable, EMVCo L1 certification, supports major NFC/contactless schemes

### Peripheral Ports

Single multi-port connector supports RS-232, USB host, USB slave and integrated charging

### Security

- VX 680 GPRS, VX 680 WF/BT: PCI PED 2.0, PCI PTS 3.0
- VX 680 3G: PCI PTS 3.0

### Power

Battery: Li-Ion 7.2V/1800mAh

### Environmental

Operating temperature: 0° to 50° C (32° to 122° F); storage temperature: -20° to 60° C (-4° to 140° F); relative humidity: 5% to 90%, non-condensing

### Physical

172mm L × 82mm W × 62mm H

### Weight

- VX 680 GPRS: 479g terminal; 1,169g full shipping
- VX 680 WF/BT: 481g terminal; 1,214g full shipping
- VX 680 3G: 502g terminal; 1,114g full shipping

### GPS

VX 680 3G only

### Dual SIM

VX 680 3G only

### Other Standard Features

3 SAM slots, audio/video player

# VX DIRECT WIRELESS

## EFFICIENCY EXPERT

There's never been a better or more efficient way to sell wireless transaction processing services to merchants. VeriFone's VX Direct Wireless solution provides a complete package of needed hardware, software and services. Promote advantageous bundled fees to attract new customers. Create "stickier" merchants by selling more products and services at higher profit margins. Greatly simplify support. All through a hosted, fully managed service.



### DELIVERS A COMPETITIVE EDGE

- Enables resellers to quickly and easily provide merchants access to the latest 3G technology for wirelessly processing payments and value-added transactions – for a single, bundled fee
- Removes barrier to entry by reducing merchants' upfront costs for hardware and software, and eliminating additional fees for downloads or activation/reactivation
- Provides the highest security through VeriShield Protect – for end-to-end encryption and advanced tokenization – with regular compliance updates pushed to every device
- Eliminates virtually all sensitive data from the merchant's environment – reducing PCI scope for burdensome audits and minimizing data breach risks
- Protects reseller's estate by preventing unauthorized access to system software, applications and data using VeriShield Retain

### BUILDS LOYALTY AND HELPS GROW BUSINESS

- Enhances merchant loyalty through reliance on a broad spectrum of products and services
- Expands wireless merchant base with offering that can be sold to brick-and-mortar merchants with no IP service available
- Preserves and increases profit margins through differentiated service package
- Offers discount pricing on VeriCentre cloud-based estate and terminal management – including remote key injection, remote feature implementation, and consolidated web-based transaction processing

### PROVIDES DESIRED FLEXIBILITY AND SIMPLICITY

- Makes it easy to move solution from merchant to merchant as desired – at no added cost
- Is NFC and EMV ready to support mobile wallets and emerging, chip-based smart cards
- Delivers consolidated reporting and analytics, as well as merchant setup and management through VeriFone's PAYware Connect gateway
- Full help desk support available through VeriFone, the leader in electronic payment
- OTA (Over The Air) downloads for quick, efficient updates of applications



# BACKED BY VERIFONE POWERED BY 3G



## THE NEXT GENERATION OF SERVICE IS HERE

VeriFone goes 3G. Continuing to deliver innovative and sophisticated business solutions that drive commerce, VeriFone adds 3G power and functionality to its line-up of secure electronic POS solutions.

Faster data transfer, GPS services and streaming media are just some of the applications that are vastly enhanced with 3G. Targeted marketing campaigns benefit from the ability to quickly add or change media. Color icons on the device enhance the user experience. Plus, 3G makes it easier than ever to manage devices in the field and to maximize their capability.

## VERIFONE 3G DEVICES – THE FASTEST ON THE MARKET

Be one of the first to take your business to the next level with VeriFone 3G devices. These devices not only pack a lot of power but open up a lot of opportunity with HSPA+ 3G (Evolved High-Speed Packet Access) and GPS.

## HSPA+ 3G – AN ADDED BOOST OF POWER

Download graphics, pictures and videos quickly onto POS displays. Spend less time on device maintenance and more time on business-building strategies. With HSPA+3G, data transfer, software upgrades and app downloads are quick. The fastest 3G available, HSPA+ technology boosts download speeds to a lightning fast 5 to 8 Mbps.

Experience a higher rate of productivity in the field. Reduce the number of dropped transactions while increasing customer satisfaction. Plus, 3G functionality offers a more streamlined and personal way to connect with customers, in real time. Merchants can do more in store and on the go.

## GPS SERVICES GUIDE SMARTER BUSINESS STRATEGIES

GPS technology helps businesses work smarter and have peace of mind. Feel secure knowing that you can track, trace and monitor the location of your devices in the field.

VeriFone GPS services allow merchants to:

- Track the location of every transaction. Manage inventory like never before – the GPS functionality enables you to retrieve transaction location information and transaction history for better stock control.

- Track a lost or stolen device. GPS gives you more visibility regarding the location of your POS fleet and can trace the location of a missing device.
- Control device usage by location or region. GPS allows merchants to control where devices can be used. They can be geographically “fenced in,” so that devices can only be used within designated boundaries.
- Know where all devices are at any time. GPS provides peace of mind with an estate management-like capability.

## MEDIA STREAMING

Streaming video via the cloud frees up valuable space on your device and eliminates the need for constant data backup. Plus, the media capabilities enable you to deliver marketing messages and special offers to maximize sales efforts.

New doors of opportunity for versatile applications and data services come with 3G functionality. Power up your business potential, improve performance and add more to the bottom line – fast.

3G. It’s where the industry is headed. VeriFone can take you there. Upgrade your payment system and upgrade your business potential.

## DO MORE WITH 3G

Higher download speeds offer faster downloads and greater efficiency and functionality.

GPS services make navigating business and reaching potential customers a whole lot easier.

Video streaming via the cloud engages customers in a whole new way with custom messages, promotions and offers. Video plus multimedia integration is available on select VeriFone models.



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