



# V<sup>x</sup> 670

## Radical Revolution At Hand

### PAY-ANYWHERE PERFORMANCE IN THE PALM OF YOUR HAND

**THE VERIFONE V<sup>x</sup> 670** is the smallest all-in-one wireless handheld payment device in the world. Brought to you by our innovative Purpose Inspired Design program — with a focus on real world usage — the V<sup>x</sup> 670 changes everything. This supremely functional yet elegant device is tailored from top to bottom for a pay-anywhere, anytime environment. VeriFone's patent-pending MAXui design, with its stunning large, high-resolution, white backlit display and large blue backlit keys, is easy to use under any lighting condition. A tapered design and ergonomically balanced midpoint help the V<sup>x</sup> 670 fit comfortably in even the smallest hands, and the rugged, drop-resistant, spill-resistant case holds up to the most demanding conditions. The hidden integrated printer with its dual-tear bar, quickly produces receipts, is whisper-quiet and simple to reload.

### NEW DESIGN, NEW MARKETS, NEW OPPORTUNITIES

There's never been a POS device like the V<sup>x</sup> 670 — opening profitable new markets for you. Wi-Fi and GPRS wireless technology options are perfect for accepting payment in restaurants, bars and stadiums, as well as delivery operations or transportation applications. In addition, the V<sup>x</sup> 670 securely and efficiently handles credit and PIN-based debit cards with a vertical mag-stripe reader, secure PIN entry capability, and optional smart card support. Quick-change standard or optional high capacity batteries keep merchants going through their busiest periods. Designed to meet EMV specifications, the V<sup>x</sup> 670 also offers the most reliable security available, including SSL and VeriShield file authentication to help prevent fraud and other software intrusions.

Backward compatibility with existing payment applications minimizes training and gets you into new markets quickly. And VeriFone's unsurpassed quality and reliability ensure that the V<sup>x</sup> 670 is an excellent investment going forward.

### BENEFITS AT A GLANCE

- Breakthrough design makes this the smallest purpose-built wireless payment device ever
- Ideal for restaurant, hospitality, delivery or transportation operations
- Innovative ergonomics mean exceptional performance and functionality
- Built-in security protections guard against fraud and misuse





## FEATURES & BENEFITS

### Breakthrough Wireless Design

- Designed through our Purpose Inspired Design program specifically for wireless, customer-facing, handheld payment with a choice of Wi-Fi or GPRS connectivity options
- VeriFone's MAXui design provides largest user interface for an all-in-one payment system, and the industry's smallest overall size, for maximum ease of use

### Unprecedented Usability

- 40 mm diameter paper roll with trouble-free, drop-in clam shell loading and dual-tear bar so receipts can be ripped in any direction
- Large 128 x 128 display with increased resolution, anti-glare screen, and high-contrast white backlighting for easy readability under diverse lighting conditions
- Large, well-placed, blue backlit keys with improved tactile response to simplify usage and minimize finger slips
- Quiet, fast thermal printer with rear placement to maximize user interface area
- Vertical mag-stripe card reader with contoured blade for optimal ergonomics and card reading
- "Hands-free" holster fits onto server's or clerk's belt so POS device can be quickly removed and handed to customer

### Exceptional Performance and Functionality

- Powerful 32-bit ARM9 processor completes transactions in seconds
- 1200 lithium-ion or optional 1800 lithium-ion batteries with 'smart battery technology' extend and protect the batteries' life, and are quickly swapped with one hand
- Standard base for drop-and-go charging or optional full-featured base with spare battery charging, also contain USB ports for connection to supported USB peripherals and dial back up
- Rounded corners and drop resistance to three feet on concrete floor to minimize breakage
- Sealed MSR blade locks out moisture for outstanding spill resistance

### Unmatched Security

- Industry benchmark WPA Wi-Fi security
- Other security protections include tamper-resistant construction, SSL protocols and VeriShield file authentication

 **VeriFone**  
THE WAY TO PAY™  
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## SPECIFICATIONS

### Processor

32-bit ARM9 microprocessor

### Memory

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

### Display

128 x 128 pixel graphical LCD with high-contrast white backlighting; supports 16 lines x 21 characters with standard font-set

### Magnetic Card Reader

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

### Optional Smart Card

ISO 7816, 1.8V, 3V, 5V or synchronous and asynchronous cards; EMV approved

### SAM Card Reader

Three Security Access Modules (SAM) (optional)

### Keypad

3 x 4 numeric keypad, plus 10 soft-function keys and 6 screen-addressable keys

### Peripheral Ports

Single multi-port connector, which supports RS-232, USB Host, USB Slave, and Integrated Charging

### Printer

Integrated thermal with graphics capabilities, 18 lines per second, 24 or 32 columns; paper roll 40 mm with core (2.25 in.) x 15M, single ply

### Wireless Modem

Supports Wide Area Wireless GSM/GPRS on 900/1800 MHz or 850/1900 MHz; Local Area Wireless Wi-Fi 802.11g; WPA encryption 2.4 Ghz

### Modem Dongle

Optional USB Modem Dongle for use with multi-port connector, or use in full-featured base. Standard 33.6kbps Dial modem (Bell 103/212a, ITU, V.21/V.22/V.22bis/V.32/V.32bis/V.34, synchronous and asynchronous)

### Protocols

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

### Security

3DES encryption, Master/Session and DUKPT key management; VeriShield file authentication

### Physical

Length: 168 mm; Max Width of 78 mm, with reduced width of 70 mm at grip-zone; Height: 58 mm; Weight: Terminal 439 g (0.97 lbs), Full shipping 1,219 g (2.68 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 12 VDC, 2.0 Amp