



Omni 3600

A **VERSATILE**, high-performance,
WIRELESS terminal—that's **RELIABLE**
enough for businesses on the **MOVE**

VeriFone's Omni 3600 portable wireless terminal delivers the extended coverage and flexibility your merchant customers need in a changing world. It's the first to support the superior packet-based GSM/GPRS and CDMA 1X services, built on the most popular wireless networks in the world.

The terminal's Verix multi-app architecture securely runs payment and value-added applications, adding further flexibility. Transaction times can be cut to seconds and downloads are streamlined by the "always on," connectivity supported by IP-based networks. This makes the Omni 3600 perfect for any business on the move.

The terminal is compact and lightweight, yet tough enough to withstand the hazards of portability—getting knocked around and even dropped at times. The Omni 3600 features a powerful 32-bit processor, built-in mag-stripe and smart card readers, an internal PINpad, and a high-speed thermal printer. Its ATM-style interface makes it easy to use—minimizing training and help desk time. The Omni 3600 is EMV and PED certified, supports IP and WAP standards, end-to-end SSL security, and 3DES encryption, so transactions are secure and merchants need not worry about keeping up with evolving technologies and mandates.

Accept **payment** transactions
anywhere, any time

Enjoy **faster** transaction times, **extended**
coverage, and **lower** communication costs

Securely run **multiple payment**
and **value-added** applications

Certified to support key standards:
EMV, 3DES, PED, SSL, TCP/IP

Benefits at a glance



Omni 3600

Features and Benefits

Extraordinary wireless flexibility and performance

- Powerful 32-bit processing, multi-tasking, and “always on” wireless services trim transaction times—even on complex EMV smart card transactions—to just a few seconds.
- Supports GSM/GPRS and CDMA 1X networks for widespread connectivity and faster, less costly data communications.
- Exclusive micro-browser technology supports standard WAP and WML-based applications, providing unmatched flexibility, and access to a new world of opportunities.
- SSL encryption provides end-to-end security when accessing new services and information resources.
- Exceptional graphics-handling by both display and high-speed thermal printer quickly renders logos, graphical fonts, and character-based languages on receipts and reports.
- Long-lasting, removable lithium-ion smart battery handles up to 100 transactions on a single charge.
- Optional plug-in base unit available with fast, wireline modem and slot for charging spare battery.

Lower cost of ownership and superior security

- 3 MBytes of memory, dynamic memory management, and VeriFone's Verix multi-application architecture securely run payment and value-added applications on the same terminal.
- Supports DES and Triple DES encryption, including 3DES Master/Session and 3DES DUKPT key management.
- Features Visa PED certification for PIN-based applications.
- EMV Level 1 and 2 Type Approved for smart card solutions. Three Security Access Modules (SAMs) support multiple smart card schemes and safeguard data.
- VeriShield file authentication and hardware- and software-based application separation protect applications against accidental or intentional corruption.

Exceptional ease of use

- Rugged, ergonomic design minimizes breakage, and is easy to hand to customers.
- Compact, all-in-one unit lets merchants open a lane and accept payments anywhere, any time, without power or land-based phone lines.
- Intuitive ATM-style interface, large 8 x 21 backlit display, and extra-large menu prompts virtually eliminate training and reduce help desk workload.
- Built-in, thermal printer features drop-in paper loading, to virtually eliminate paper jams.



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Specifications

Processor

32-bit microprocessor

Memory

2 MBytes of Flash memory and 1 MByte of 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, bidirectional

Primary Smart Card

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

SAM Card Reader

Three Security Access Module (SAM) readers

Keypad

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

Printer

Integrated thermal printer with graphics capabilities, 15 lines per second, 24 or 32 columns; paper: 57 mm (2.24 in.) standard roll, single ply

Wireless Modem

Supports GSM/GPRS on 900/1800 MHz or 850/1900 MHz, and CDMA2000 1X on 800/1900 MHz

Protocols

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

Security

DES and 3DES encryption; Master/Session and DUKPT key management; Visa PED certified; VeriShield file authentication

Battery Module

Lithium ion with LED charge tester, 7.2V, 1800 mA with charge meter

Physical

Height: 56 mm (2.20 in.); width: 70–90 mm (2.76–3.54 in.); depth, including printer spool: 224 mm (8.82 in.); weight: 0.76 kg (1.68 lbs.)

Environmental

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

Optional charger base

Wired Modem

High-speed dial modem (Bell 103/212a, CCITT V.21/V.22/V.22bis, 300/1200/2400/14400 bps, synchronous and asynchronous)

Optional Modem

ISDN (V.110) modem

Peripheral Ports

Two telco ports (one for ISDN version) and one RS-232 port, which support peripherals including check readers and bar-code wands

Power Supply

Input 100–240 VAC, 1.5A, 50 Hz; Output 19 VDC, 3.16A

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