OMNI 7100MPD

Expandable. Reliable. Incredible.

GO BEYOND THE BOX!

When you're investing in technology, you don't want to be boxed in. VeriFone's break-out Omni 7100 modular payment device (MPD) goes beyond the box. It's the first truly modular, 1/4 VGA point-of-sale terminal, with a bold, blue, backlit display and signature capture capability; highly reliable capacitive touch screen; and hardware expansion modules that let you upgrade or add capabilities in a snap!

GET THE BIG PICTURE

The big, bright display of the Omni 7100MPD deftly handles scrolling line item detail, regulatory disclosures, promotional messages, even wedding registries. The glass touch screen resists scratching, and incorporates the latest technology—for exceptional performance using either fingertip or stylus.

Need Ethernet or USB connectivity, or an EMV smart card reader? The hardware expansion modules of the Omni 7100MPD can be preconfigured at the factory or easily installed in the field. You can even integrate emerging technologies such as RFID—while preserving your investment.

Stylish, rugged and secure, the Omni 7100MPD is more than a box—it's the shape of things to come.

BENEFITS AT A GLANCE

- Modular design for unprecedented flexibility and investment protection
- Capacitive glass touch screen resists scratching and enhances reliability
- Sleek profile and bright blue screen looks good in any environment
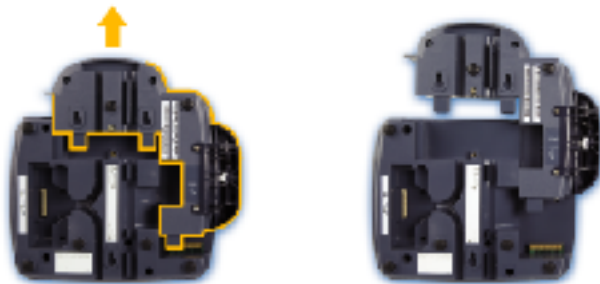- VeriFone quality is unmatched

VeriFone

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FEATURES & BENEFITS

Extraordinary investment protection and flexibility

- Modular design lets multi-lane retailers configure solutions to meet today's needs, and add features at any time—maximizing investment protection
- Base-level model can be upgraded at the factory or in the field with any of the following:
  — Signature-capture
  — EMV-certified smart card
  — High-speed Ethernet (10BaseT) and USB connectivity
  — EMV smart card and Ethernet/USB connectivity
  — ISO 14443-compliant RFID module
- High-resolution (320 x 240 pixel) 1/4 VGA, backlit LCD—crisp white characters on a bright blue display
- Unique combination of capacitive and electrostatic touch technologies with sophisticated "palm rejection" enables reliable input by finger or optional stylus
- Built on proven Omni 7000 architecture, so terminals can be efficiently and cost-effectively mixed
- Works with existing Omni 7000 stands and cables; integrates with most ECRs and peripherals
- PC-based GUI toolkit simplifies the creation and updating of screens
- Smaller footprint than other 1/4 VGA devices to conserve counter space

The modular design allows you to add capabilities in the lane -- quickly and easily. Just loosen one screw, slide a module out, and snap the new one in its place.

SPECIFICATIONS

Base Terminal

Processor
Motorola 68302 microprocessor

Memory
2 MBytes of FLASH and 1 MByte of SRAM

Display
1/4 VGA 320 x 240 pixel LCD with backlighting; 15 lines x 40 characters, including graphics

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

Standard I/O Configurations
Supports VeriFone multiport cables with cable sensing: (a) 1 RS-485/RS-232 port and 2 RS-232 ports; (b) 1 RS-485/RS-232 port, 1 LAN/RS-232 port, and 1 RS-232 port

Security
DES, 3DES, RSA, Master/Session, DUKPT; VeriShield file authentication, "Virtual" PINpad is Visa PED-certified

Programming
Programmable in ANSI C via the TXO Workbench

Physical
Height: 146 mm (5.75 in.); width: 190 mm (7.5 in.); depth: 51 mm (2 in.); weight: 680 g (1.5 lbs.)

Environmental
0° to 40° C (32° to 104° F) operating temperature; 10% to 80% relative humidity, non-condensing

Power Requirements
120 VAC, 60 Hz; DC input 12 VDC, 1 Amp; Power Supply (Optional)

Optional Modules

Signature Capture
Enables the capacitive touch screen for signature capture with an active stylus

Smart Card Module
EMV 3.1.1 and EMV 4.0 certified; supports both synchronous and asynchronous cards; conforms to ISO 7816 standards; supports 3 Security Access Modules (SAMs)

I/O Configurations
Ethernet 10BaseT – supports: Static IP, DHCP, TELNET, FTP, and Sockets USB - specification 1.1 compliant (12 Mbps max), device mode support only, drivers supported for Windows PC and IBM SurePOS ECR

RFID Module
Complies with ISO 14443 Types A and B, and Mifare standards for contactless payment

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