



VERIFONE OP4100 PAYMENT MODULE



Model OP4100

VeriFone's PCI approved OP 4100 is a durable, all-in-one, unattended payment module designed for the most unforgiving environments. Most wind, rain, cold, and even fuel or detergent splashes won't stop this rugged payment device, so it's perfectly suited for the outdoors—from pay-at-the-pump to kiosks to ticketing and many other self-service payment applications.

Secure Off-line or On-line PIN Entry

One of the biggest challenges today is to ensure the highest security at the point of payment. The PCI approved OP 4100 not only includes an approved encrypting PIN pad (EPP), but it also has a PCI approved Secure Card Reader and encrypts data between the EPP and Secure Card Reader. It has received EMV Level 1 and Level 2 Type Approval, and it supports the latest security protections and advanced encryption such as 3DES, Master/Session and DUKPT key management.

Fast and Consumer-Friendly

The OP 4100 features an ATM-style keypad for speed of entry, screen-addressable keys for flexible customer input, and a manual-insert hybrid card reader with triple-track magnetic-stripe and EMV chip card capabilities for fast, easy, trouble-free processing even in mixed environments. A built-in contactless reader supports a variety of contactless payment schemes. Plus, its large, high-resolution color display supports rich graphics and animation for direct promotional messaging and to further enhance the consumer experience.

Quick Installation

With the OP 4100's compact all-in-one design, installation is simple and economical. It's easy to integrate at a mechanical, electrical and software level. Simply connect a couple of cables, install the device, and seal it with the supplied IP65-rated gasket for exceptional protection against environmental elements. Its high-level command interface and GUI drivers allow for fast, efficient payment processing with a minimum of host software effort. Why choose anything else? The OP 4100 puts all the capabilities needed at your customer's fingertips and supports all consumer payment methods. With the most security protection available in a single unattended module, the OP 4100 also comes with the VeriFone brand assurance for quality and reliability, as well as global coverage and support.



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Processor

32 bit ARM processor

Operating System

Secure Linux

Secure Card Reader

Manual-insert hybrid card reader with 3-track magnetic stripe and EMV chip capability

Contactless Reader

Contactless reader with qVSDC, M/Chip, MSD, MasterCard PayPass, and Visa Wave capability

Options

3 SAMs

Display

14.5cm 1/4 VGA color screen 8 screen-addressable keys for menu selection

Communications

2 x RS-232 serial ports via 9 Way D-type connectors
10BaseT Ethernet LAN via RJ45 connector

Physical

Cut-out dimensions: 210mm x 220mm (w x h)
External dimensions: 230mm x 220mm x 215mm (h x w x d) approx.

Environmental

IP65 rated keypad (when mounted to suitable enclosure)
IP54 rated card reader
Operating temperature: -15°C +60°C

Security Certifications

PCI EPP approved (OP313 encrypting PIN pad) for on-line PIN entry and PCI approved Secure Card Reader for off-line PIN entry
Smart card reader: EMV Level 1, Version 4.0
Software kernel: EMV Level 2, Version 4.1 (configurable)

Keypad

Large 16-key rugged polymer keypad

CONTACT US TODAY:

BLM Technologies, Inc.
14755 27th Avenue North, Plymouth, MN 55447
800 358 5574
www.blmtechnology.com



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