

BENEFITS AT A GLANCE

- Superior security with PCI and EMV approvals for on-line and off-line PIN entry
- Supports EMV chip, magnetic stripe and contactless cards for rapid, reliable and secure transaction processing
- ATM-style keypad and large ¼ VGA color screen for content-rich applications and improved customer experience
- Fully integrated, compact, all-in-one design for simplified installation



Rugged, Reliable, Unattended Payment Module—With Full PCI Approval

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.

OP 4100

The Secure ONE for the Outdoors

OP 4100



PCI approved for on-line and off-line PIN entry, and also has built-in contactless payment capability

Features & Benefits

The Security and Reliability Consumers Expect

- Meets the latest PCI requirements, including encrypting PIN pad (EPP) and secure card reader to provide for most secure on-line and off-line PIN entry
- Has received EMV Level 1 and Level 2 Type Approval for chip cards
- Uses a manual-insert card reader with no motors or drive belts to wear out or fail, eliminating the likelihood of card jams and other problems—for enhanced reliability and reduced service time
- Operates in demanding outdoor environments and under a variety of adverse weather conditions
- Incorporates a rugged keypad and other components to stand up to the heaviest usage

The User-Friendly Design Consumers Like

- Reads triple-track magnetic stripe cards and interfaces with EMV chip cards using a hybrid card reader
- Able to support major contactless payment schemes including PayPass and M/Chip, with built-in contactless reader
- Features an ATM-style keypad, eight screen-addressable keys, and privacy screen for protection and ease of use
- Displays engaging graphics and animation on a large, high-resolution color screen
- Speeds consumer throughput using a powerful ARM processor for fast, secure processing

The Flexible Deployment and Installation You Require

- Installs either as an all-in-one OEM module in new unattended solutions or as a PCI approved upgrade to existing pay-at-the-pump or other solutions
- Fits compactly into a wide range of pump enclosures and other units, and can be quickly and easily sealed to IP65 standards
- Provides quick software integration with new and existing infrastructure
- Allows the addition of other value-added applications—such as loyalty schemes, gift card programs, or content-related applications—based on the open Linux operating system

SPECIFICATIONS

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 supporting major contactless schemes including PayPass and M/Chip

Options

3 SAMs

Display

14.5cm ¼ VGA color screen
8 screen-addressable keys for menu selection

Keypad

Large 16-key rugged polymer keypad

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)