

Optimum P4100

Frequently Asked Questions

Q What is the P4100 and what makes it unique ?

A The P4100 is the first universal, RF-enabled, multi-application PIN entry device to meet the rigorous PCI-PED security standards.

The P4100 features a color-coded, illuminated keypad with large, easy-to-read, raised keys which comply with usability requirements, offering ease of use to international disability groups. Its small, flexible, ergonomic design fits comfortably in the customer's hand allowing movement for enhanced privacy and security; customers can remain in complete control of the payment transaction and their cards. Its optional privacy shield provides an additional level of security.

Q Does the P4100 have a graphics-capable touch screen ?

A Yes. The graphics-capable touch screen can be used by merchants to design and display easy-to-understand graphic icons and screens to guide customers through the payment process as well as promote high-contrast, graphic display for signature capture. The graphics touch screen has an intuitive interface, allowing customers to easily operate the device for payment transactions and PIN entry.

Q What merchants would benefit most from this product ?

A The P4100 is ideal for merchants who are ready to take advantage of the recent changes in the payment industry. With contactless payment functionality, the merchant can increase transaction flow and speed customer traffic without the restrictions of checkout lanes.

Q What communications options are available with the P4100 ?

A The P4100 offers RS-422 communications as a standard for easy integration with ECRs and existing POS equipment. RS-232, Ethernet, USB and Wi-Fi communications are available as options.

Q What processor is used in the P4100 ?

A The P4100 uses a 32-bit Intel® XScale® processor for ultra-fast, secure transactions. This processor is used across Hypercom's Optimum 4xxx product line. The compatibility of the processor makes it possible to easily migrate or port existing applications, thus reducing certification times, deployment and user training

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Q Does the P4100 conform to global security standards ?

A Yes. The P4100 meets and exceeds all global security standards and guidelines for PIN entry. It supports SSL and Triple DES encryption and meets rigorous PCI-PED security standards. It also exceeds the wireless encryption security standards mandated by the international card associations.

The P4100 also has a tamper-proof architecture that protects internal systems from invasion to form a highly secure electronic transaction device.

Q Does the P4100 read both chip and magnetic stripe cards ?

A Yes, the P4100 supports chip and magnetic stripe as well as contactless card readers.

The integrated, bi-directional, magnetic stripe card reader reads Tracks 1, 2 and 3.

The contactless card reader supports ISO 14443 A & B, which includes American Express ExpressPay™, MasterCard PayPass™ and Visa contactless payment cards.

Q Is the P4100 compatible with other Hypercom products ?

A Yes, the P4100 operates with Hypercom terminals as well as competitors by simply plugging the unit into the payment device's PIN pad port. The P4100 supports Verifone PP1000SE messaging and can be used as an upgraded PIN pad for Verifone terminals.

