



Electronic Pulse Interface



Meter Case

Increase laundry room sales and convenience by eliminating coins...

Heartland's Pulse laundry controllers can increase your laundry sales while adding convenience and security to your laundry room by eliminating coins. The Pulse controllers are designed to work with most coin-operated washers & dryers and are backed by Heartland's superior technology and expertise in unattended, cashless facilities. Our Pulse card readers enable cardholders to purchase laundry services with their laundry smart card, therefore eliminating coin collection, and increasing convenience.

Heartland's proven laundry systems provide an end-to-end solution for a cashless laundry room. With simple to install units in the laundry machines, and easy to use stations for revaluing and dispensing cards, Heartland provides a full laundry service solution.

Promotions such as a free wash and dry cycle, loyalty programs, discounts by user groups and off-peak discounts can be performed quickly and easily. The results are increased revenue and customer loyalty.



Meter Case



Vertical

Benefits and Advantages

- ✓ Easily installs in virtually any washer or dryer
- ✓ Custom interface cables simplify wiring installation
- ✓ Replaces coin-slide or coin drop unit
- ✓ Card-based programming and pricing
- ✓ Field programmable memory makes firmware upgrades easy and economical
- ✓ Compatible with all Heartland smart card systems

Unsurpassed Reliability

- ✓ Heartland's proven technology is built into each Pulse unit
- ✓ Non-volatile Flash memory eliminates the data loss problems associated with battery-backed RAM
- ✓ Extensive electrical noise suppression built-in

More Revenue & Promotion Flexibility

Heartland's proven laundry systems provide an end-to-end solution for a cashless laundry room. With simple to install Pulse units in the laundry machines, easy to use revalue stations for revaluing and dispensing cards, and Windows-based software systems, Heartland provides a full laundry service solution.

Heartland's Prime Solutions Software modules are designed to accurately and securely manage any size laundry system. In addition to extensive auditing and settlement functions, the program modules support the laundry services provider with everything from the ability to create and manage system keys (***an added layer of security provided only by Heartland***), to the creation of programming cards, data collection cards, maintenance cards, and user cards.

Technical Specifications – Pulse

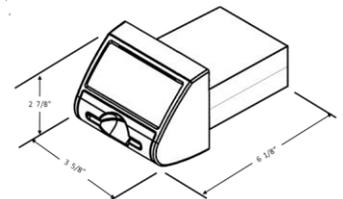
Weight	10.5 oz. (not incl. cable or bracket)
Display	High Visibility, Reverse LCD, 2 lines - 16 characters each
Exterior Finish	Matte-finish, impact resistant, injection molded thermal plastic, black (meter case)
Electrical Requirements	24 VDC, installation kit will contain appropriate AC adapter (120/220 VAC)
Electronic Security	Encryption Keys (2 types) Sitecodes (up to 32)
Operating Temperature	41 F to 104 F (+5 C to +40 C)
Relative Operating Humidity	20% - 80%, non-condensing
Mounting Options	Meter Case Opening (standard or Vertical)

Benefits & Features at a Glance Reader

- ✓ Field programmable Flash EEPROM
- ✓ Battery backed Flash memory for data integrity
- ✓ Eliminate coin jams, reduce maintenance
- ✓ Improve customer loyalty
- ✓ Flexibility through promotions and cycle-based pricing
- ✓ Accurate audit trail reporting

Prime Solution Software

- ✓ Complete secure control of system keys
- ✓ Extensive auditing and settlement capabilities
- ✓ Simple and flexible system implementation
- ✓ Supports relational and anonymous user cards
- ✓ Multiple-level, password protected, operator access to all program modules



S L I M
Single Laundry Interface Module
Pulse - CARD READER