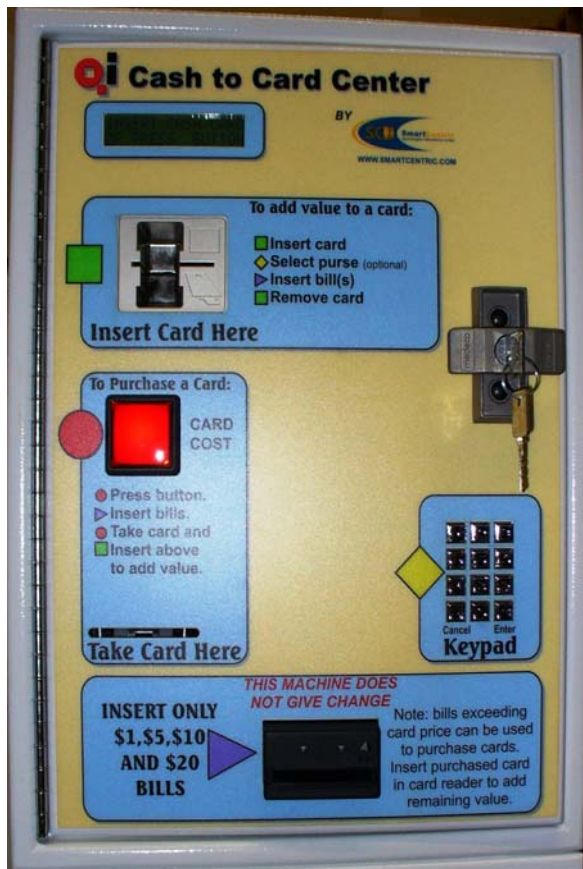


SANDVAULT GROUP

Card Value Center Card Sales and Value Reload Machine

The Card Value Center allows self serve smart card payment systems to be truly, fully automated and minimizes the requirement for staff involvement in daily operations. The Card Value Center sells new cards on demand and performs quick and simple value loads to new and used cards alike. Designed to support Sandvault's SmartVend line of products, the Card Value



Center capitalizes on the modular design of Qi Systems' latest generation of Cash Card payment systems.

For security, new cards are stored within the machine with no value loaded. When a new card is purchased the requested value is loaded to it immediately after purchase. The Card Value Center is ideal for applications like parking and bulk water control stations where extended hours are required and remote or distributed locations must be served. For example, a smart card payment municipal parking program could include registered resident cards with preferential rates and could offer visitor cards sold through the Card Value Center at various high traffic locations.

Designed for ease of use, the basic Card Value Center features an LCD display, card acceptor, bill validator, and card hopper/dispenser. Several models are offered with options for coin acceptance, receipt printer, UPS, and network communications. Indoor and outdoor versions are offered. Cash Card reload is easy and effortless. The Card reader will validate the Cash Card and authorize the value reload transaction in just a few seconds. A paper receipt can be printed from some models.

A Smart Investment for the Future

Sandvault's Card Value Center carries the traditional flexibility of the SmartVend family into the realm of customer card support. Based on our SmartKit product, the Card Value Center uses the same hardware components our customers have come to trust in our other SmartVend products. Our design ensures wide system compatibility and simple future upgrading or expansion should the support of additional card schemes be required.

Features:

Benefits

Convenience

- Fast, easy value loading.
- Convenient service at all hours appeals to today's consumers.
- No communications hook-up needed for basic unit.
- Uses reliable industry-standard components resulting in minimal maintenance.
- Eliminates the need for bill-changers
- Eliminates the need for bill validators installed in, parking, vending and other UPOS machines.
- Customers can load their cards and avoid carrying large amounts of change for common coin-op services.

Affordability

- Cost incremental with functionality. You pay only for what you need.
- Consumers spend more when using card payment instead of cash or coins.
- Cash handling costs are reduced.
- Cash control is improved,
- Losses due to theft, and equipment damage are reduced because cash is consolidated with better control
- Card Value Center** is easy to install. It can be set up and ready to supplement your smart card services in minutes.

- ✓ Industry Standard **SmartVend** hardware
- ✓ Secure multi-compartment cabinetry
- ✓ Lock-box Bill validator
- ✓ Optional receipt/report printer
- ✓ Card dispenser (250 card hopper)
- ✓ Backup battery for solid operation in areas with power reliability problems
- ✓ Climate control with heater, forced air system and thermostatic control
- ✓ Optional TCP/IP network communications
- ✓ Programmable pricing structure
- ✓ Supports ISO 7816 synchronous and asynchronous chip cards. Supports T=0 and T=1 cards
- ✓ Supports mag stripe data on Track 1, Track2 and Track 3 in all standard formats
- ✓ Cash Card support: Can be used with open and closed card schemes issued by any entity and can support on line or off line reload transaction authorizations.
- ✓ Custom Card support available
- ✓ Dimensions of basic unit: 14" W x 10" D x 22" H, 100 lbs.
- ✓ Environment: -40°C~60°C, 20~90% Humidity

The **Card Value Center** maintains our commitment to keep its products current with the rapid evolution of Cash Card technology. As a station designed to be simply incorporated into both currently deployed card vending solutions *and* as a standard part of an integrated payment solution package, its flexibility ensures that your investment today can be easily enhanced to meet the requirements of tomorrow.

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