



Since January 1995

Application information about CardMaster

CardMaster fleet controls are produced by Cardlock Vending, Inc. We have over 20 years of proven experience in producing quality equipment for non-retail unattended fueling sites.

Our target markets include:

- Gate and facilities access control
- Fleet fueling controls for unattended commercial fueling sites
- Device controls

CardMaster for fleet fueling control targets the huge market that operates 1 to 8 hoses typically. CardMaster is the low cost producer of fleet fueling controls, by intent and design. CardMaster is a solid and reliable product, without the high end expensive enhancements other systems incorporate. Rarely can these high end enhancements be justified for small fleet operators.

Standard features of CardMaster include:

- ▶ Sturdy steel enclosure
- ▶ High quality powder coat finish inside and out
- ▶ Full length “piano” door hinge
- ▶ 12 key metallic keypad
- ▶ Standard includes magnetic stripe card reader in all models
- ▶ Back-lit LCD 16 character display
- ▶ Key lock access for security
- ▶ Auto-manual by pass switch for each hose position, in locked enclosure
- ▶ Two 30 amp relays per hose position, 1½ HP rated. Can switch both legs of 220/240 power, or the hot and the neutral of a 120 vac circuit.
- ▶ RS-422/485 serial journal printer port
- ▶ RS-422/485 serial data port
- ▶ RS-232 data serial port accessible by an external port, allowing data polling or service technician laptop at the island.
- ▶ Operable as card required, or easily programmed for “cardless” keypad entry operation, using keypad to enter “card number”
- ▶ “Cardless” operation universal programmable features include:
 - System quantity limit (applies to all “cardless” transactions)
 - One or Four (4) miscellaneous field, applying to all “cardless” transactions. Field may be identified as “Odometer”, or “Vehicle”, or “Employee Number”. These fields are 6 digit fields (no alpha characters)

More - Application information about CardMaster

CardMaster comes in a variety of models, including:

- ▶ CardMaster II series
 - 999 cards/accounts
 - 900 transactions in roll over memory
 - 4 miscellaneous fields
 - 2 hose capability
- ▶ CardMaster I series
 - 999 cards/accounts
 - 1800 transactions in roll over memory
 - 1 miscellaneous field
 - 2 hose capability
- ▶ CardMaster - Carwash version - primarily used at auto dealer malls where they share the cost of a roll over car wash based on number of uses per month
 - Non-retail commercial carwashes
 - Control by time of wash version
 - Control by signal (electrical) from car wash
- ▶ CardMaster Device Control. CardMaster can often be used to control devices such as garbage compactors, etc. Devices controllable by relay on/off and/or timed intervals
- ▶ CardMaster Gate/Access control. CardMaster is used to open and close gates, warehouse doors, etc. We offer 3 versions:
 - CM-GC-PP - accepts PP cards for access to locked restrooms at unattended fueling sites. Access control only, no record kept of the card
 - CM-GC-CFN - accepts CFN cards for access to locked restrooms at unattended fueling sites. Access control only, no record kept of the card
 - CM-GC6 -- accepts up to 6 ISO (system ID) cards for access to locked restrooms at unattended fueling sites. Access control only, no record kept of the card
 - CM-GC - accepts CardMaster proprietary cards to gain access to lock or gated facilities. Record is kept of card number, date, and time of access

CardMaster's CM-HostCT software performs terminal functions (port addressing, LAN interface, Internet/cellular interface, telco interface, and USB interfaces). With CardTransPorter custom reports can be generated for management purposes.



Each CardMaster controller operates 1 or 2 hoses. Because CardMaster is far and away the low cost provider it is cost effective to use up to 4 units on a fueling site (8 hoses).

Typical site photos are:

