



5596 Series (Powered by Raptor II MDB CPU Board)



Interfaces:

USB:

- API interface for communicating to host systems.
- Interfaces to Windows, Mac, Linux and other systems using virtual COM drivers.
- Works with virtually all print vending software
- Acts as slave host for interfacing to credit card based host system

Full RS-232 Serial Port (D-Sub):

- Sends receipt details to serial printer
- Communication with copy machines based on proprietary serial commands

10 Mb Ethernet Port:

- Web interface via username/password
- Web access designed for customization of system settings & parameters
- Web access gives clerk/operator access to the coin-op from their desk through a network
- Network API commands (plain or encrypted) provided for full customization of system settings & parameters

FDI (Foreign Device Interface):

- Steering Mode: 16-price capability
- Standard Mode: 2-prices capability
- Time Vend Mode: 1 second to 1000 minutes
- Autovend option available
- All FDI modes allow complete control of vending signals from almost any copier with an enable/copy counter signal interface

5813 Card Reader Interface

- Uses VendaCard formatted debit cards
- Programmable

LCD Port:

- 2x16 or 2x20 LCD modules
- LCD messages configurable via web browser

Programming buttons:

- Configure parameters and system settings

Bypass Mode:

- Permits free copies or prints

MDB Port:

- Communicates with MDB bill acceptors, coin changers and MDB card readers
- Selectable channels to configure MDB devices

ccTalk Port:

- Communicates with ccTalk bill acceptors, coin changers, coin hoppers, and future card dispenser.

Coin/Bill Parallel Port:

- 6 lines with inhibit control

Keypad Port:

- Allows for PIN accounts

External Button Port:

- Used for card reader service and Time Vend applications.

External RS-232/TTL Serial Port:

- Expansion port for serial card devices

Expansion Port:

- Allows for additional devices such as coin hoppers, banknote dispensers, etc.

Features

General:

- Location info
- No Activity Timer
- No Activity Payout
- Currency symbols (\$,£,¥, or none)
- International currency code (USD, CAD, etc.)
- Pre-Cursor (period, comma or none)
- Max Cash (up to 65000)
- Free change
- Auto change (minimum one vend required)
- Coin return plunger
- Selectable API port (USB is default)
- Copier interface (MODE 0 - default, MODE 1 – Canon, MODE 2 – others)
- Disable
- Bypass/free vend mode
- Real time/date stamp

Prices:

- 1-16 Prices, based on steering, standard, time vend, or serial mode

Timing:

- Sense, Blind, Reset, Eject Delay and Trailing Edge (Steering & Standard Modes)
- Timer – 1- 65000 seconds per vend (Time Vend only)
- Delay Timer (Time Vend only)
- AutoVend Option (Time Vend only)

MDB Coin Changer:

- Up to 6 different coins
- Automatic coin tube counters
- Selectable coin values
- Resettable via web or API command without power-cycling
- Displays coin tube balance

Receipt Printer Controls:

- Selectable Auto/Manual/Disabled
- Special header hex chars at start of print job
- Printer Delay time
- Header/Footer Line Feeds
- 8 Header messages
- 5 Footer messages
- Allow for testing the receipt to be sent to printer using the print test receipt button (via web)

System, Status and Error LCD Messages:

- Editable LCD messages for 2x16 or 2x20 LCD modules

Net Settings:

- IP Address
- Subnet Address
- Gateway
- Web Port
- Network Port
- Restart network on request

TCP/IP Stats:

- Displays TCP/IP stats to facilitate network trouble-shooting

Web User Accounts:

- Manager Account (access to all system parameters)
- Clerk Account (restricted to post credit and read only)

Resettable and Non-Resettable Counters:

- Vend Prices 1-16
- Cash
- Bills
- Coins
- Credit Card
- Bypass Vends
- No Activity
- Escrow taken (swallowed)
- PC Cash Debits
- PC Cash Credits
- PC Bypass Vends
- Timestamp for previous resettable counters reset

System Stats (Resettable/Non-Resettable):

- All Transactions
- Invalid Transactions
- Card Swipes
- Transactions via Net
- Transactions via Serial
- Power-ups
- Timestamp for previous resettable stats reset

Web Browser:

- Post credits
- Check last transaction date/time
- Verify last no-activity escrow value for refunds
- Check system status
- Clear escrow (manager level only)
- Change settings on the fly (no power-cycling required)

Readers:

- 5813 VendaCard reader
- e-Port credit card reader
- Pre-Authorize Credit Card value for e-Port transactions

MDB Bill Acceptor:

- Up to 16 bank note values; single, dual, or tri country currencies
- Reset via web or API command without power-cycling
- Currency conversion for up to three different countries

Parallel Bill/Coin:

- Up to 6 channels
- Currency conversion for up to three different countries

Copier Interface (Selectable Mode):

- FDI (Foreign Device Interface) assigned as MODE0 (default)
- Canon (FULL RS232 Serial) assigned as MODE1
- Minolta (Isolated Serial) assigned as MODE2)
- Kyocera – Mita (3 wires RS232 Serial) assigned as MODE3
- Ricoh-Savin (Serial) assigned as MODE4
- Toshiba – MODE5
- Sharp – MODE6

Specifications:

- 28”H x 12”W x 6.5”D
- Weight 42 pounds
- Electrical – 100 ~ 240 VAC 50-60 htz input
- Color – Quartz Gray

Notes:

- Up to 65,000 5596 units can be accessed via Web Browser on the same Ethernet network (based on IP network).
- 5596 units may be interfaced to standalone host machines (copiers, microfilm/fiche readers, vending machines, etc) for specialized applications such as print stations.
- Dispenser service feature will be incorporated into this system handle the card dispensers, coin hoppers, notes dispensers. Card dispensers (will be added on next VCB-2 version) and coin hoppers use ccTalk protocol. Notes dispensers use proprietary TTL RS232 serial protocol (support up to 8 on same bus). This dispenser service is required for 5027 VendaCoder.