

FDR

Credit and Debit Card Networks

Version 011

for Site Controller II

Versions 2.2 and above

part number: C35905

Gasboy CFN Series

FDR

Credit and Debit Card Networks

Version 011

03/12/03

C35905

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REVISION RECORD OF THIS DOCUMENT		
Part No.	Date Published	SC II Release Levels
C35905	June 1997	Version 2.2 and above
C35905	March 12, 2003	Version 2.2 and above

Site Controller II Related Publications

Site Controller II - version 2.2 and later

<i>Part No.</i>	<i>Title</i>
C09212	SC II Manager's Manual 2.2
C01918	SC II Installation Manual
C09213	SC II Configuration Manual, version 2.2
C09159	SC II Pocket Reference, version 2.2
C09204	Check Point Reference Manual
C35745	Profit Point Clerk's Manual - Modular series
C35746	Profit Point Reference Manual - Modular series
C09205	Enhancements Between Versions 1.0-2.0
C09215	Point of Sale and Shift Change, version 003

Credit and Debit Card Networks

C35931	Amoco/DataCard	C35908	Gensar
C35901	Buypass	C35910	NaBANCO
C35902	Alliance-Citgo	C35911	NDC
C35903	Comdata	C35913	Sinclair
C35904	EDS-CCIS	C35914	SPS/Phillips
C35905	FDR	C35915	T-Chek
C35906	BSI-FINA	C35916	UFDA
C35930	Gasboy Dial	C35917	VDOT
C35907	Gascard	C35918	VisaNet
C35909	Generic Dial	C35919	BSI-ZION

Forms, Quick Reference, Tutorials

C09134	SC II Configuration Order Form
call	SC II Sample Reports

Pump Interface

C09146	Pump Interface Manual (forthcoming)
C01745	Current Loop Interface Unit Manual
C35849	SDI/Wayne CAT Interface
C35924	SDI/Unitec Interface

Card Encoding and Miscellaneous

C09136	CFN Series Clubcard Format
C01687	CFN Series Card Encoding Manual

Remote Communications

C09137	SC II-Host Communications
C09138	SC II Raw Mode Communications
C09140	Applications Guide for Host-SC Communications
C09141	PC/SiteControl User's Manual

Technical Publications

internal	SC II Technical Manual
C01759	CFN Diagnostic Manual

Table of Contents

Cards accepted	1
Preparing for configuration	1
Configuring the Site Controller	2
System parameters (SYS_PAR)	2
Transaction format (TRFMT)	3
Console (CONSOLE)	4
Island card reader (READER)	4
Special operation for FDR	4
The transaction pointer	4

FDR 011



If you are connecting your site to the FDR (First Data Resource) network for card verification, use this manual for reference.

The FDR software now complies with the new VISA restriction on the credit card account printed on Island receipts. Only 4 digits will be printed instead of the complete number.

Cards accepted

The FDR currently accepts these credit cards:

VISA
MasterCard
American Express
Discover
Diner's Club

Preparing for configuration

Before you configure the Site Controller for connection to the network, you must determine the types of cards you will accept. Your FDR representative will need to know this, too.

Before you configure, you must also make sure you know the following information. Consult with your FDR representative to determine the information you do not know.

- Your FDR merchant ID.
- The primary and backup phone numbers you will use for authorizations.
- The baud rate for the modem communications.
- The primary and backup phone numbers to call for authorization and settlement questions. Also find out if either of the numbers is a packet network. (In order to use a packet network, you must have the file PACKET.INI in the D: drive, the RAM drive.)

Make sure your FDR representative has set up your merchant ID to have ETC (electronic ticket capture) enabled.

You will need a modem for authorization. This is in addition to a modem used to poll transactions.

Determine the Site Controller port to be used to connect to the FDR host, and connect that port to a Hayes modem capable of communicating at 1200 baud or a modem that is 100% compatible with the Hayes standard. (See the Hayes dial-out settings in the Modem appendix in the Site Controller II Manager's Manual.)

Use the command LOAD PHONE X to load the phone numbers supplied by FDR into the Site Controller. Substitute each of the numbers (3 and 4) in the table below to load the phone numbers indicated.

X	Function of the Command LOAD PHONE X
3	Loads the primary authorization phone number.
4	Loads the backup authorization phone number.

Note: The authorization phone numbers are also used for settlement. The first character of the phone number is a P if the number is a packet network log-in.

Configuring the Site Controller

Your Gasboy authorized service representative will configure your Site Controller. Before the service representative begins, make sure you have collected all the information that will be used for configuration.

System parameters (SYS_PAR)

The configuration requirements are defined in this table (the page numbers are those of the SYS_PAR program):

System Parameters	Required Setting
Use remote verification (reader) - page 4	Credit.
Use remote verification (console) - page 5	Credit.
Use local verification (reader) - page 4	Club.
Use local verification (console) - page 5	Club.
Check mod 10 (reader) - page 4	Credit.
Check mod 10 (console) - page 5	Credit.
Check expiration date (reader) - page 4	Credit (and, optionally, club).

System Parameters	Required Setting
Check expiration date (console) - page 5	Credit (and, optionally, club).
Verification timeout - page 11	0 seconds (no timeout).
Host Handler Channel - page 8	The number of the port used for communicating with the network. This is the same port you connected to the modem.
Host Router Data - page 8	Use for your FDR merchant ID. You must include an E. (E, period) before your merchant ID number.
More Router Data - page 8	Amount in whole dollars of authorized request is terminated by a comma. The default is 0, which uses the CFN system-generated amount.
Host Handler Baud Rate - page 8	The communications baud rate received from your FDR representative.
Send Requests to Host Handler - page 8	Credit.
Host Handler Data - page 8	Two two-digit numbers; the default numbers are 00 and 20. Enter the numbers by typing 00 <input type="text" value="ENTER"/> 20 <input type="text" value="ENTER"/> <input type="text" value="ENTER"/> (Repeat <input type="text" value="ENTER"/> as needed to exit <i>host handler data</i> .) The first two digits are 00 if your modem is a Hayes 1200, 01 if your modem is a Hayes 2400, and 02 if it is a Hayes Optima. The second two-digit number is a hexadecimal value for the number of seconds to allow for the carrier to be received. The default 20 sets it for 32 seconds. Setting it for 10 would make it 16 seconds, 18 would be 24 seconds, 28 would be 40 seconds, and 30 would be 48 seconds.

Transaction format (TRFMT)

Make certain that the transaction printout format includes the authorization number (field type 3).

Use the disk-based Site Controller command TRFMT to include field 23, *Reference Number As a String*, in the format of the local transaction printout.

Also, the format should include the minimum number of digits in the types of cards you accept. This will help if you need to do a settlement manually.

Console (CONSOLE)

The *Allow Hand Entry of Card Data* parameter in the Console configuration program must be set to No.

Island card reader (READER)

Put the *Select Pump* step before the *Verify Card* step if you use \$ AMOUNT for the *Enter Amount* prompt, or if the fill limit of the pump is to be used to determine the authorization amount.

Special operation for FDR

Once each day, at a time agreed upon by you and FDR, stop your site and use the SETTLE command. (You'll probably want to do this with a cron file.) The SETTLE command tallies the number and dollar amount of FDR transactions performed at your site during the last 24 hours. The command also sends the tally to FDR.

The success or failure of the settlement is reported on your log printer:

- If successful, you will see *FDR settlement: xx items for \$xxxx.xx = accepted.*
- If unsuccessful, you will see *FDR settlement: xx items for \$xxxx.xx = failed.*

If the counters that FDR maintains differ from what your site reports, FDR will deny the settlement. If this should happen, call FDR to find out what their records show (remember that the records for your site are available on the log).

Once you have determined the discrepancy, use the SETTLE command with two parameters—the number of items and the dollar amount according to FDR's records—and the settlement will take place. For example, the command

```
settle 54 735.29
```

will cause a settlement with FDR for 54 transactions and \$735.29.

The SETTLE D command is used to ask FDR how much money it deposited into your account from *yesterday's* transactions. The results will be reported on the log.

The transaction pointer

If you are not regularly polling and resetting the transaction pointer, then you should run the PURGE SITE command once a day so you do not fill up the Site Controller's memory.