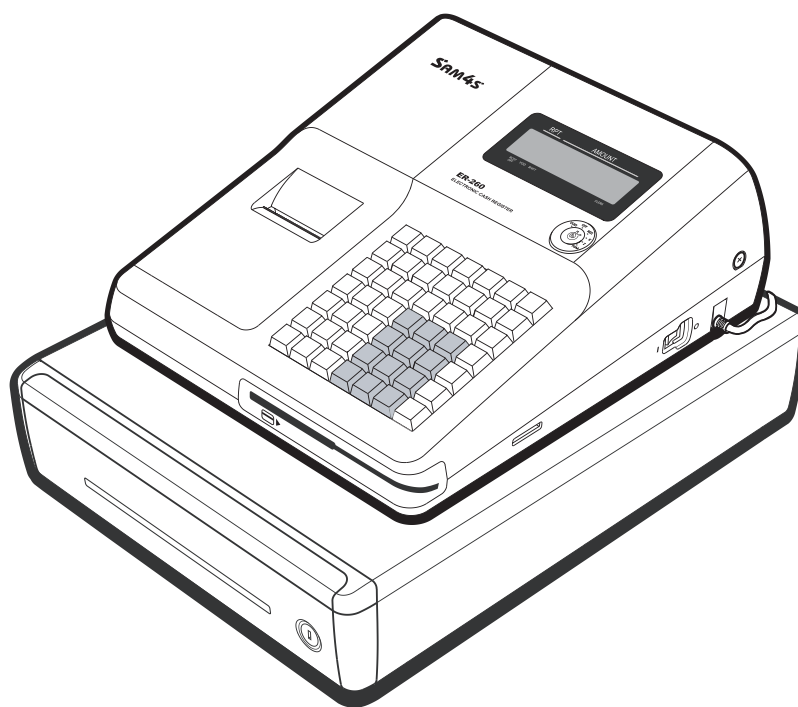

SAM4s ER-265 Series

PC Utility User's Manual



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Introduction

About the ER-265 PC Utility

The ER-265 Series PC Utility provides basic PC communication functions for Sam4s ER-265. This utility was designed primarily as a dealer tool - to save, edit, and download programs.

Note: The ER-265 Series PC Utility supports only direct onsite connection to the ECR. Modem communications are not supported.

The ER-265 Series PC Utility includes the following features:

- Multiple Stores
- Save and Load ECR programs
- Convert & Download Logo Bitmaps
- Edit ECR programs
- Poll and View Register Reports

Note: The ER-265 Series PC Utility was developed to work best with a screen resolution of at least 1024 x 768 pixels.

Getting Started

Preparing the ER-265 for Communications

The register must be ready for communications:

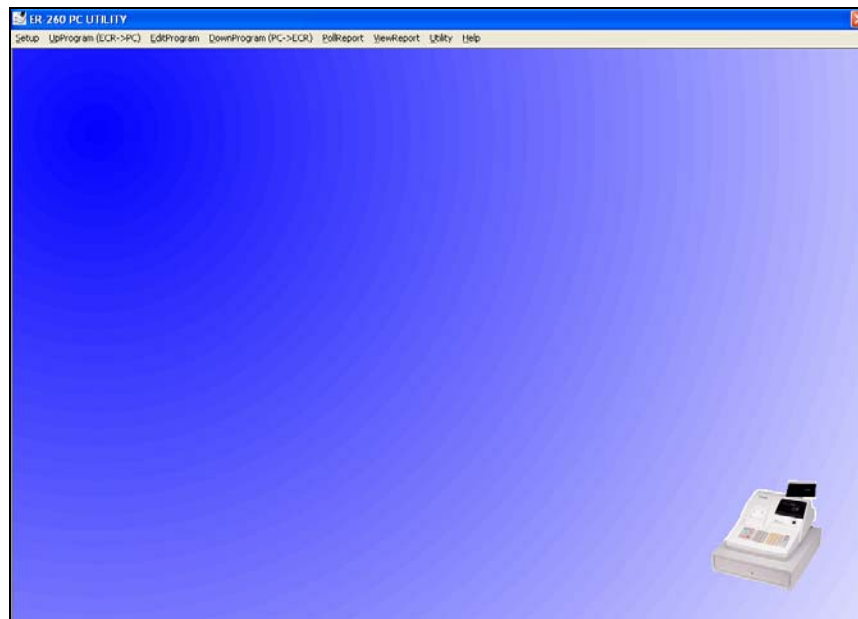
- Connect the register directly to the PC with the appropriate cable. See “Cabling Diagrams” on page 27.
- The register power must be on.
- Turn the key lock to the **S** position. (The unmarked position one click clockwise from the **PGM** lock position.)
- Press the **RA** key. “====CC====” displays.

Installing the Utility

1. From Windows Explorer, locate the file: SETUP260.exe. Double click the file to open the installation dialog box.
2. Follow the instructions on the screen to complete the installation.

Starting the PC Utility

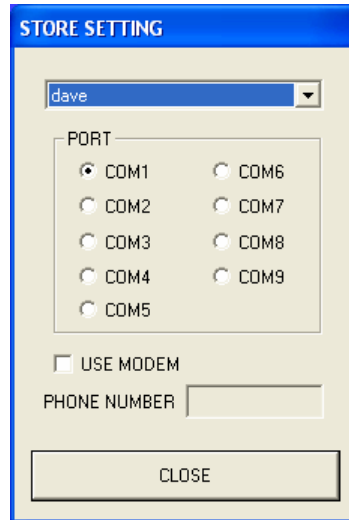
1. Choose **Start, Programs, SHC PC Utility** and then **ER-265 PC Utility**. The Store Setting dialog box displays.
2. Select the store you wish to open and click the **Close** button. The **ER-265 Series PC Utility** window opens.



Store Settings

There is no limit to the number of stores. When you start the utility for the first time, enter the store name and select the PC port (always select COM1).

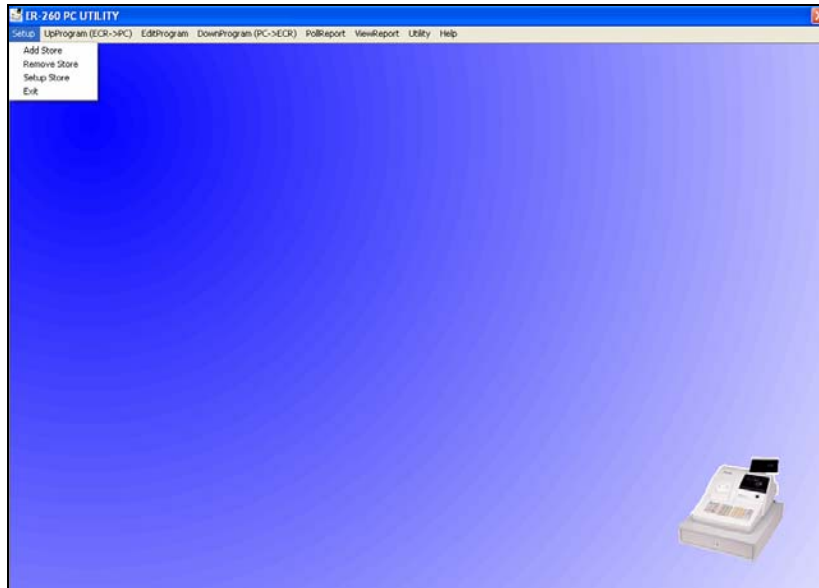
The Store Setting Dialog Box



Selecting a Store

- ◆ Select the working store when you start the utility.
- ◆ To change the working store after the utility has been started, choose **Setup Store** from the **Setup** menu and select a different store from the drop-down list box.

Setup Menu



Adding a Store

- ◆ Choose **Add Store** from the **Setup** menu. At the **Add Store** dialog, enter the store name and click **OK**. At the **Store Setting** dialog, select the PC port, baud rate and click the **Close** button.

Removing a Store

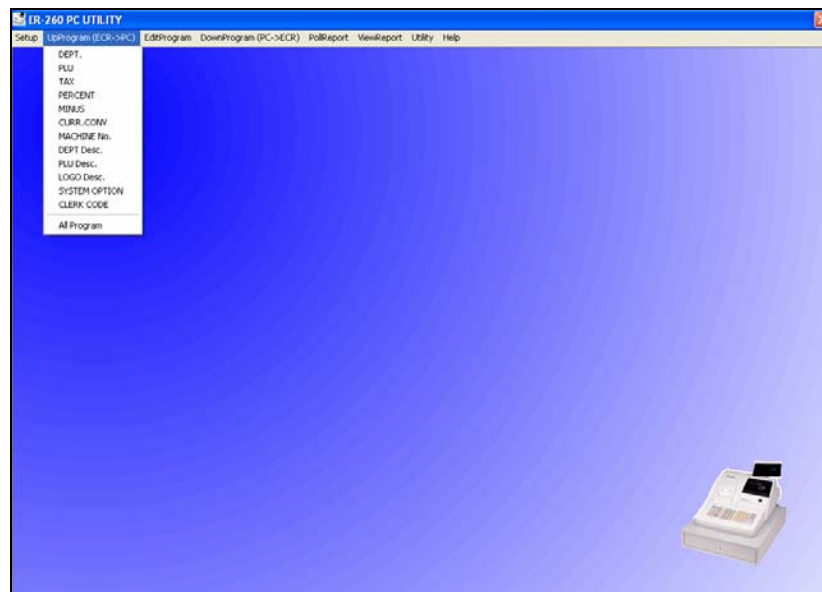
- ◆ Choose **Remove Store** from the **Setup** menu. At the **Remove Store** dialog, select the store name to remove and click **OK**.

Upload/Download Programs

UpProgram

You must upload a program before program edit functions are allowed.

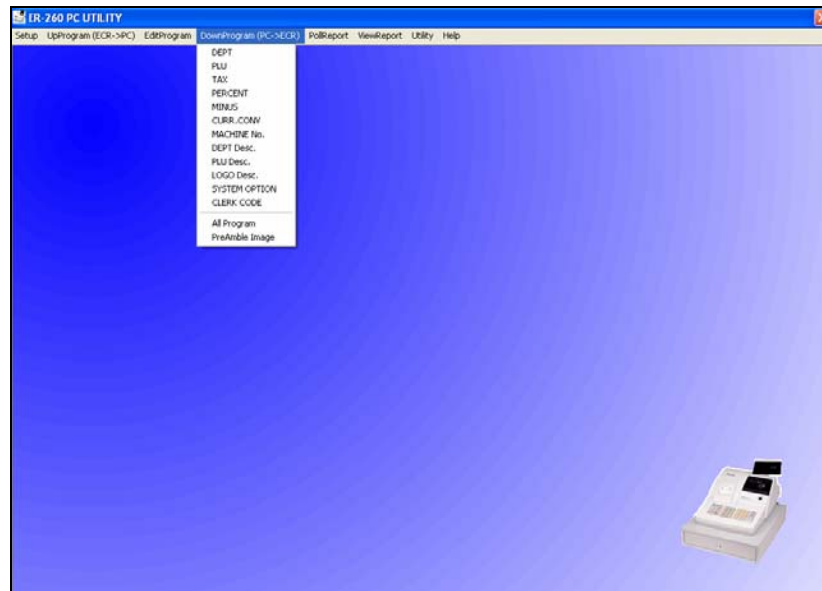
- ◆ Select the program segment you wish to upload from the **UpProgram** menu, or select **AllProgram** to upload the entire register program



DownProgram

Downloading a program will overwrite the existing register program.

- ◆ Select the program segment you wish to download from the **DownProgram** menu, or select **AllProgram** to download the entire register program (not including PreAmble image, that is downloaded separately.)



Note: Programs must be sent individually for registers using version 1.000 EPROM.

Edit Programs

Procedures

All register programs can be edited with the PC Utility. You will find options neatly organized on dialog boxes, making register option programming on the PC Utility more efficient than programming options at the register.

▪ **You must upload a program before program edit functions are allowed.**

1. To edit a program, choose the appropriate program from the **EditProgram** menu. An example of each program dialog box is shown in this chapter.
2. After edits, click **Save** to exit and save changes, or click **Cancel** to exit without saving changes.

Tips

- Each Store's data, including both uploaded program files and polled report files, is located in a separate folder under the ER-265PC folder.
- If you are building a new register program based upon an existing store, you can copy an existing store's program files to a new store folder. It is often more efficient to modify an existing program than to start over with a new one.
- If you have questions regarding the meaning of ECR features, refer the appropriate *ER-265 Program and Operation* manual for an explanation of your program options.

Program Edit Screens

Department

PROGRAMMING DEPT

CODE	DESCRIPTOR	PRICE
1	Pepsi	0.99
2	Coke	1.09
3	7-UP	1.19
4	Dr. Pepper	2.25
5	Red Wine	19.99
6	White Wine	29.99
7	Cigs	4.99
8	Carton Cigs	59.99
9	Chewin Tob	4.77
10	Tiperellos	3.56
11	Case Beer	19.99
12	Can O Beer	1.49
13	Hardware	0.00
14	Drugs	0.00
15	45 Caliber	179.00

DESCRIPTOR:

PRICE:

Taxable by:

TAX1 TAX2 TAX3

Preset Non-add Compulsory

Preset Override Disable

Single Item

Negative

Send KP

SAVE CANCEL

PLU

PROGRAMMING PLU

CODE	DESCRIPTOR	PRICE
1	Marlboro	99999.00
2		0.00
3		0.00
4		0.00
5		0.00
6		0.00
7		0.00
8		0.00
9		0.00
10		0.00
11		0.00
12		0.00
13		0.00
14		0.00
15		0.00
16		0.00
17		0.00
18		0.00
19		0.00
20		0.00
21		0.00
22		0.00
23		0.00
24		0.00
25		0.00
26		0.00
27		0.00
28		0.00
29		0.00
30		0.00
31		0.00

DESCRIPTOR:

PRICE1:

DEPT:

Negative Preset

Non-add Entry Single Item

Disable

Send KP

Taxable by:

TAX1 TAX2 TAX3

SAVE CANCEL

Tax

TAX

TAX1

ADD ON RATE 0.000

VAT

TAX TABLE

GST TAXTABLE

TAX 1

TAX 2

TAX 3

SAVE CANCEL

Percent

Percent

- %

. %

+ %

Calculate after discount/surcharge

Rate 1 Rate 2 Rate 3

STATUS Override

RATE 10.000

OK Cancel

Minus

Minus

.

CALCULATE RATE AFTER THE MINUS KEY?

INACTIVE MINUS KEY

HDLO

0.01 - 99999.99 0.01 - 0.09

0.01 - 0.99 0.01 - 9.99

0.01 - 99.99 0.01 - 999.99

0.01 - 9999.99

OK Cancel

Currency Conversion

The screenshot shows a dialog box titled "Currency Conversion". It contains two input fields: "RATE" with the value "13720" and "DECIMAL POSITION" with the value "4". Below the fields are two buttons: "OK" and "Cancel".

Machine No.

The screenshot shows a dialog box titled "Machine No.". It contains one input field labeled "Machine No." with the value "99". Below the field are two buttons: "SAVE" and "CANCEL".

Logo & Descriptor

The screenshot shows a dialog box titled "LogoDesc". It is divided into two sections: "PREAMBLE" and "POSTAMBLE".

PREAMBLE

~T~H~A~N~K~ ~Y~O~U
~C~A~L~L~ ~A~G~A~I~N
Welcome to the
all in one
Shop
7 Corners, NC

POSTAMBLE

This is your
one
Stop
Shop
For Pop, Beer, Wine and Guns
Don't forget the cigs

Below the text are two buttons: "SAVE" and "CANCEL".

System Option

SYSTEM OPTION

PRINT GRAND TOTAL IN X,Z REPORT

PRINT GROSS TOTAL IN X,Z REPORT

RESET CONSECUTIVE NUMBER AFTER Z REPORT

RSET COUNTER AFTER Z REPORT

ZERO SKIP ON X,Z REPORT

RESET GRAND TOTAL AFTER Z REPORT

PRINT SUBTOTAL

CASH DECLARED BEFORE X,Z REP

SELECT X REPORT ALLOWED

DECIMAL POSITION

SELECT INFORMATION OF TAX

NOT PRINT TAXABLE TOTAL

PRINT SEPARATELY TAX AMOUNT

PRINT TAX AMOUNT TOTAL

NOT PRINT TAX AMOUNT

PRINT TAXABLE TOTAL

PRINT SEPARATELY TAX AMOUNT

PRINT TAX AMOUNT TOTAL

NOT PRINT TAX AMOUNT

CURRENCY SYMBOL

EJ ENABLE

PROMPT OPERATOR WHEN EJ IS FULL

STOP OPERATION WHEN EJ IS FULL

RESET REPORT TO EJ

PRN DEEP COLOR FOR PRINTER

ROUNDING

FOR PERCENTAGE KEY AND TAX

ROUND UP AT 0.5

ALWAYS ROUND UP

ALWAYS ROUND DOWN

DECIMAL MULTIPLICATION AND SPLIT PRICE

ROUND UP AT 0.5

ALWAYS ROUND UP

ALWAYS ROUND DOWN

ALLOW POST TENDER

ALLOW CHECK CASHING

SELECT INFORMATION OF CLERK

ALLOW RECEIPT AFTER SALE

ENFORCE CASH OR CHECK TENDER AT TOTALING

DATE SEQUENCE

DRAWER COMPULSORY

USE SPOOL

PAPER END SENSOR(RECEIPT)

PAPER END SENSOR(JOURNAL)

OVERLAY DESCRIPTOR

USE KITCHEN PRINTER(ELLIX20)

SMALL FONT

ENDING FEEDING LINE ON KP(0-9)

PRE PRINT GRAPHIC LOGO ON RECEIPT?

Clerk Code

CLERK CODE

CLERK1 CODE

CLERK2 CODE

CLERK3 CODE

CLERK4 CODE

CLERK5 CODE

CLERK6 CODE

CLERK7 CODE

CLERK8 CODE

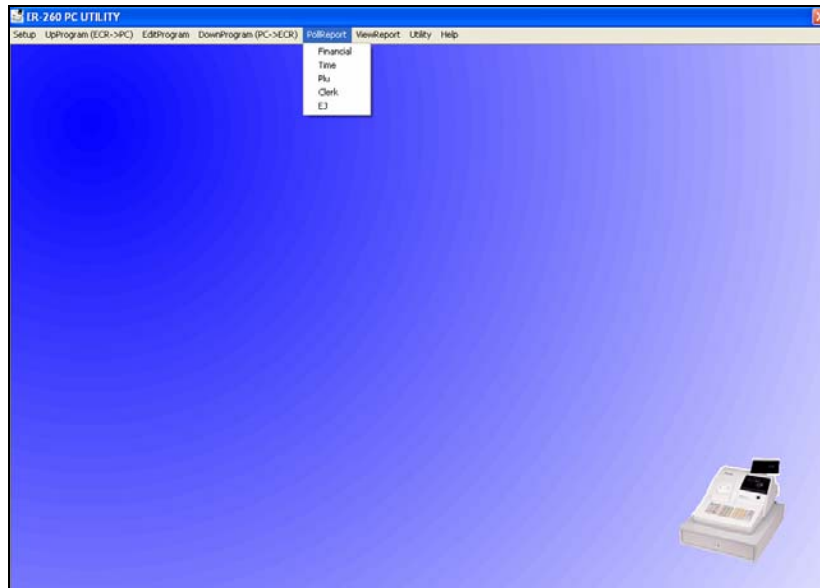
CLERK9 CODE

CLERK10 CODE

Reports

Poll Reports

- ◆ Select the report you wish to poll from the **PollReport** menu.



Note: The register must be in download mode:

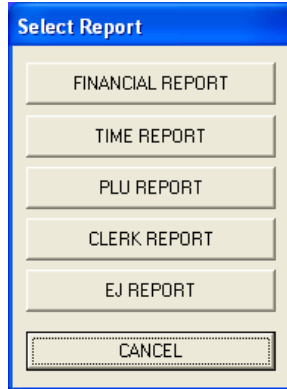
Turn the key lock to the S position. (The unmarked position one click clockwise from the PGM lock position.)

Press the RA key. “====CC====” displays. The register is ready to be polled.

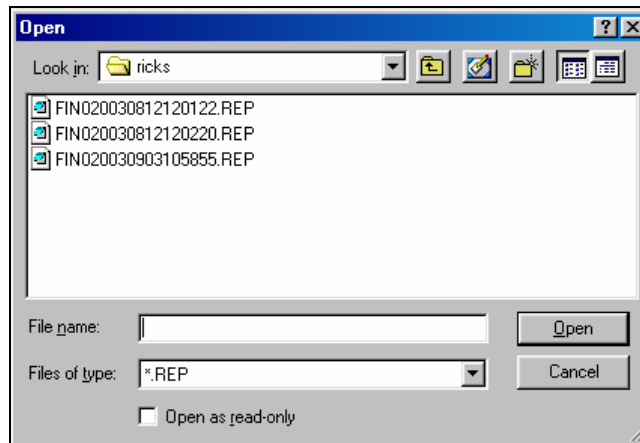
View Reports

Note: Polled report can only be viewed with the built-in viewer. Report files are not ASCII format, nor can they be converted to ASCII format with this utility

1. Select the Individual Report from the ViewReport menu.



2. Click the button that represents the report you wish to view.



3. Select the report you wish to view and click **Open**.

Click to display the report without totals that have zero values

DESCRIPTION	COUNT	TOTAL
+PLU TTL	00.00	300.70
-PLU TTL	0.00	0.00
ADJUST TTL	00.00	300.70
NONTAX	2	8.38
TAX1 SALES	0	289.45
TAX2 SALES	0	289.45
TAX3 SALES	0	286.45
TAX4 SALES	0	292.40
TAX1	0	18.74
TAX2	0	17.50
TAX3	0	17.32
TAX4	0	17.68
XMP1 SALES	0	0.00
XMP2 SALES	0	0.00
XMP3 SALES	0	0.00
XMP4 SALES	0	0.00
EATIN TTL	0	0.00
TAKEOUT TTL	0	0.00
DRTHRU TTL	0	0.00
% 1	0	0.00
% 2	0	0.00
% 3	0	0.00
% 4	0	0.00
% 5	0	0.00
NET SALE	50	372.02
CREDIT TAX1	0	0.00
CREDIT TAX2	0	0.00
CREDIT TAX3	0	0.00
CREDIT TAX4	0	0.00
FD/S CREDIT	0	0.00

Click to view the next page of the report.

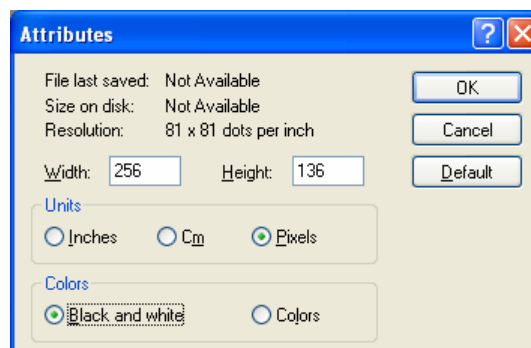
4. Use the scroll bar or the arrow buttons to view the report

Prepare & Load Bitmap Logos

Preparing a Graphic Logo Bitmap for an ER-265

The image must be black/white, 256 x 136 pixels, and 5 Kbytes or less in size.

1. Open MS Paint.
2. Open the image file you wish to use.
3. Choose **Attributes** from the **Image** menu. The **Attributes** dialog box displays.



4. The image dimensions must be no larger than 256 pixels wide by 136 pixels high. If the image size in pixels is greater than the maximum, you must resize your image.
 - a. Click **OK** to exit the Attributes dialog.
 - b. Select your image. (Choose **Select All** from the **Edit** menu.)
 - c. Using the handles of the selected image, resize the image. Keep the image in the upper left corner of the screen.
 - d. Choose **Attributes** from the **Image** menu. The **Attributes** dialog box displays again. Enter 256 in the **Width** field; enter 136 in the **Height** field; select **Pixels** as the unit. Click **OK** to exit the dialog box.

- e. Your image will be cropped to the 256 x 136 pixel size. If you cropped part of the image you wish to keep, you can undo (Ctrl + Z) and try again. You may have to experiment a bit to resize the image inside the 256 x 136 pixel limit.
5. After the image is sized, select **Black and white** in the **Attributes** dialog.
6. Save your image as type “Monochrome Bitmap (*.bmp,*.dib)” and confirm that the size is 5k or less.

Download a Graphic Logo to an ER-265

1. Install the *ER-265 PC Utility* on your PC.
2. At the ER-265, set the RS-232C option address #5 to a value of 1 (PC). (S position; 80 SBTL; 5 X/TIME; 1 CASH; CASH)
3. Return key lock to **REG** and sign on a clerk.
4. Connect the PC to the ER-265 using one of the following cables:
 - CRS Part # 522035 (Register DB-9M to PC DB-9F)
 - CRS Part # 522038 (Register DB-9M to PC DB-25F)
5. At your PC, start the ER-265 PC Utility. (Select **Start, Programs, SHC PC UTILITY, ER-265 PC UTILITY.**) The **Store Setting** dialog box displays.
6. If you are starting the ER-265 PC Utility for the first time, you must define a store name, or if a store is already defined, you can select the store from the drop down list. After the store is defined or selected, click **Close**. The PC Utility program starts.
7. Move the .bmp logos you wish to use into the store directory (i.e. C:/ER-265PC/storename.)
8. At the PC Utility, choose **Convert Logo Image** from the **Utility** menu. The Bmp dialog box displays.
9. Click **FILE OPEN**. Select the bitmap image you wish to use from the **Open** dialog and click the **Open** command button.
10. Click the **SAVE AS PRE IMG** button.



11. When the image is selected, click **OK**. Verify that the message “Save As UserPre.Img” displays. If the file is too large, and cannot be loaded, the message “File Size Error” will display.
12. Choose **PreAmble Image** from the **DownProgram** menu.
13. The screen will track the progress of the download. When complete, the **COMM COMPLETED** message will display, click **OK**.

Printing the Logo Image – ER-265 Settings

You must set system option #29 “Pre Print Graphic Logo on Receipt” to **Yes**.

(In PGM mode, enter **29**, press **RA**, enter **1**, press **PO**. Press the **CASH/TEND** key to exit the program.)

Appendix

Cabling Diagrams

You can configure cables yourself with the diagram provided here, or you can order the appropriate cables from CRS Parts at 1-800-333-4949.

Direct Connection

Part # 522035

Sam4s DB-9M	PC DB-9F
DCD1	1DCD
RXD2	2RXD
TXD3	3TXD
DTR4	4DTR
GND5	5GND
DSR6	6DSR
RTS7	7RTS
CTS8	8CTS
VCC9	9RI