

## How to install GS1 DataBar Encoder/Decoder Software

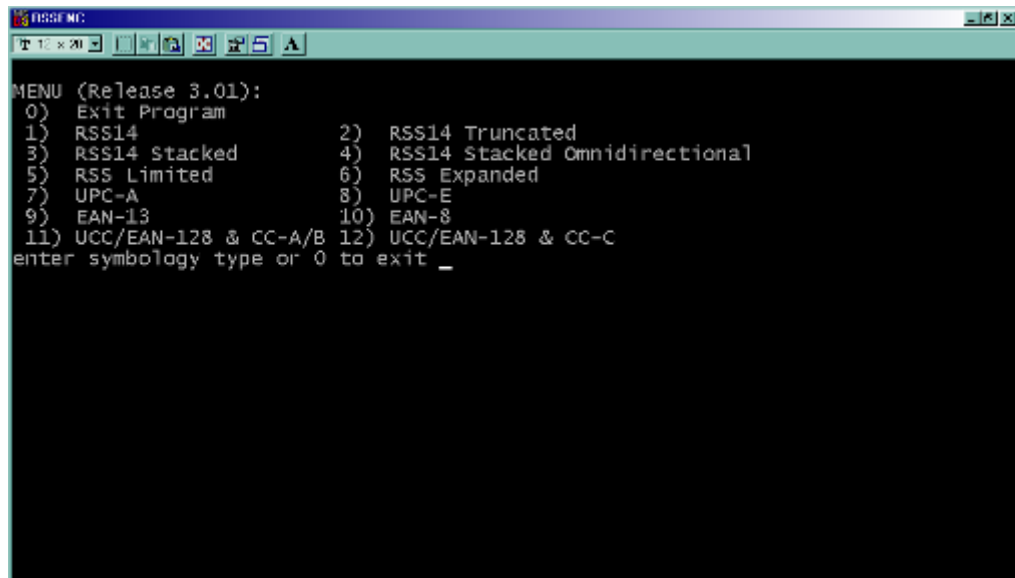
1. Be sure that you have WINZIP™ installed on your PC. It is needed to extract the Encoder/Decoder files zip files your download/downloads.
2. Download [dcd207.zip](#) and [enc304.zip](#) to your hard drive.
3. Open the files [dcd207.zip](#) and [enc304.zip](#).
4. On opening the above files, the system will automatically initiate WINZIP™. This program will instruct you to “unzip” or copy your files.
5. To do this, locate the cursor on the icon in the upper toolbar area named “Extract”; select this button by clicking on it with the mouse.
6. Once this task has been completed the program will prompt you to another screen that asks you to provide a destination for your files.
7. Once you have named your destination click on the “Extract” button, then exit the program.

## How to use GS1 DataBar Encoder/Decoder Software

1. Open the *File Manager* located in your 'C:' drive and locate the unzipped files or you could use the search method to find the file *RSSenc.exe*.



2. Find the file that displays the icon, named *Rssenc.exe*, shown in the figure below.
3. Double click on the icon to execute the program.
4. The RSS Encoder program will display the screen shown below. You must key enter in the number, followed by the <ENTER> key, to select the symbol image that you wish to create.



5. After selecting the symbology, the user will then be transferred to the section of the program that creates the selected symbology. For example, choosing menu item (4) displays the following screen:

```

RSSENC
T 12 x 20
3) RSS14 Stacked          4) RSS14 Stacked Omnidirectional
5) RSS Limited           6) RSS Expanded
7) UPC-A                 8) UPC-E
9) EAN-13                10) EAN-8
11) UCC/EAN-128 & CC-A/B 12) UCC/EAN-128 & CC-C
enter symbology type or 0 to exit 4

Data input string or file format:
primary data is up to 13 digits, no check digit is input
2D component data starts with 1st AI, only interior FNC1's are needed
# (pound sign): FNC1
| (vertical bar): separates primary and secondary data
^ (caret): symbol separator (used to flag je1n format in 2D data)
MENU (Release 3.01):
0) enter pixels per X, current value = 1
1) enter X pixels to undercut, current value = 0
2) enter Y pixels to undercut, current value = 0
3) enter TIF output file name, current name = out.tif
4) select keyboard or file input source, current = keyboard
5) key enter data input string, TIF output file will be created
6) select TIF or BMP format, current = TIF
8) enter separator row height, current value = 1
9) select another symbology or exit program
menu selection? _

```

6. Select the appropriate functions to create the particular symbology.

## Example

The following example illustrates the steps taken to create a *GS1 DataBar-14 Stacked Omnidirectional + Composite Component* image that is stored in a user defined file.

1. *Enter pixels per X (1-12 valid) 4*  
Key in **0** and press <ENTER> to select option.  
Key in **4** and press <ENTER> to set value.
2. *Enter X pixels to undercut (0 through 3 valid) 1*  
Key in **1** and press <ENTER> to select option.  
Key in **1** and press <ENTER> to set value.
3. *Enter Y pixels to undercut (0 through 3 valid) 2*  
Key in **2** and press <ENTER> to select option.  
Key in **2** and press <ENTER> to set value.
4. *Enter your selected TIF output file name with extension: O:\James C\Out1.tif*  
Key in **3** and press <ENTER> to select option.  
Key in **O:\James C\Out1.tif** and press <ENTER> to set value.  
(Note: This is a user selectable file, the one used in this example is for demonstration purposes only.)
5. *Enter 0 for Keyboard or 1 for file input 0*

Key in **4** and press <ENTER> to select option.  
Key in **0** and press <ENTER> to set value.

**6. Enter linear|2d data (no more than 120 characters)**

**0061414100001|1701010110A1B2C3**

Key in **5** and press <ENTER> to select option.

Key in **0061414100001|1701010110A1B2C3** and press <ENTER> to set value.

**7. Enter 0 for TIF or 1 for BMP output 1**

Key in **6** and press <ENTER> to select option.

Key in **1** and press <ENTER> to set value.

The following graphic was created from the steps above and will be located in the file created in step 4:

