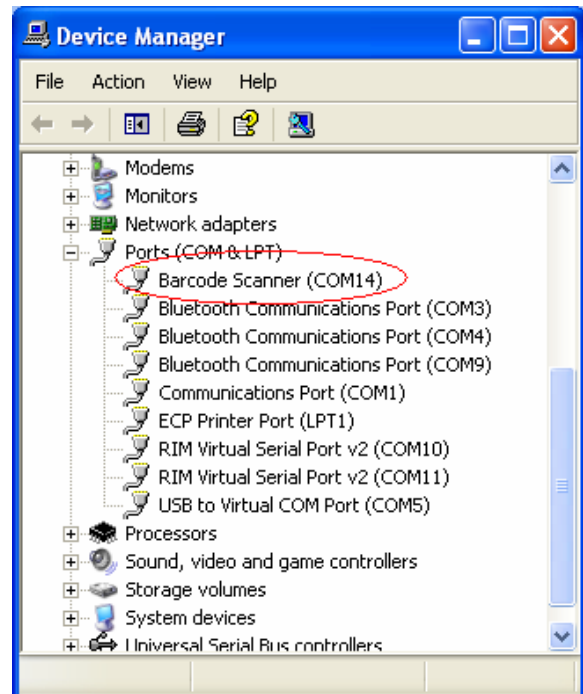## QUICK START GUIDE
OPN 2001 Pocket Memory Scanner

The OPN 2001 Pocket Memory Scanner makes barcode data collection simple for anyone. Using this scanner is straightforward – scan a barcode and it will be stored automatically. When you make a mistake, the lower button allows you to re-scan the barcode in order to remove the item from memory. The device is equipped with a standard USB port which is also used to charge the internal battery. For easy data transfer, connect the OPN 2001 to a USB port and run the download utility.

Instructions:

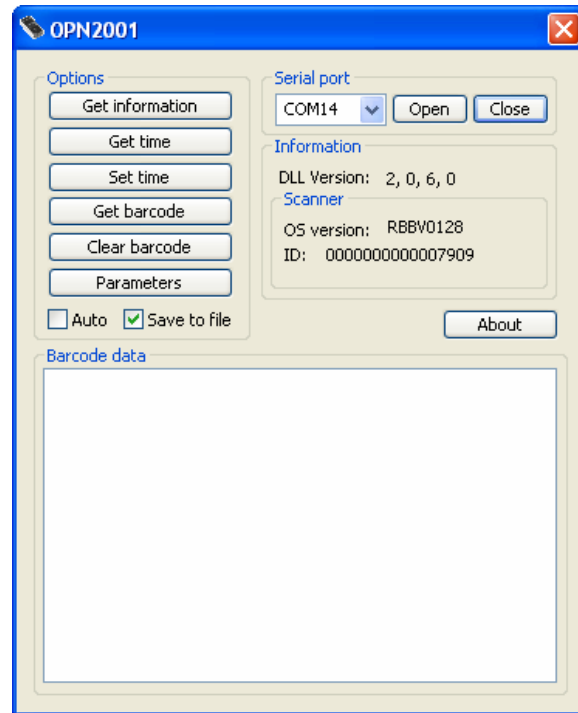Follow these simple steps to use the OPN-2001:

1. Install the **optousb driver** package. This contains a USB-to-serial driver necessary for communication with the OPN-2001. This driver is located of the USB Driver folder.

2. After installation, connect the OPN-2001 to the computer. Go to **Device Manager** and take note of the COM port assigned. Look for **Barcode Scanner (COM #)**

3. Unzip and save the **OPN2001_Demo** on the PC. The file is located on the **OPN 2001 Download Utility** folder.

Run the OPN2001 Download Utility by double click the **OPN2001.exe** file. When it opens, select the COM port you noted in Step 2, and hit the **Open** button.

4. To verify if the OPN2001 is communicating with your Download Utility, click **Get Information**. The unit will beep and respond with OS version and ID.

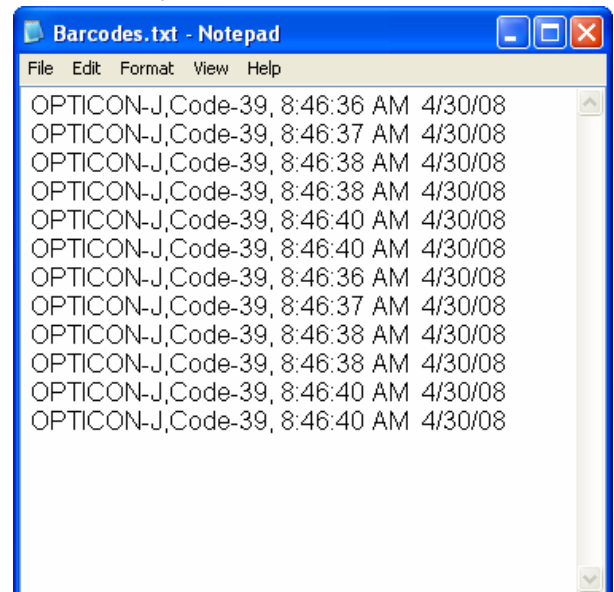5. Before acquiring the collected data, place a check mark of the selection **Save to file**.

Click on **Get Barcode** box. The barcode data is transmitted and saved on a text file named **Barcodes.txt** on the same directory the Download Utility is located.

6. Open the file and you are ready to use your collected data.

The data format is:

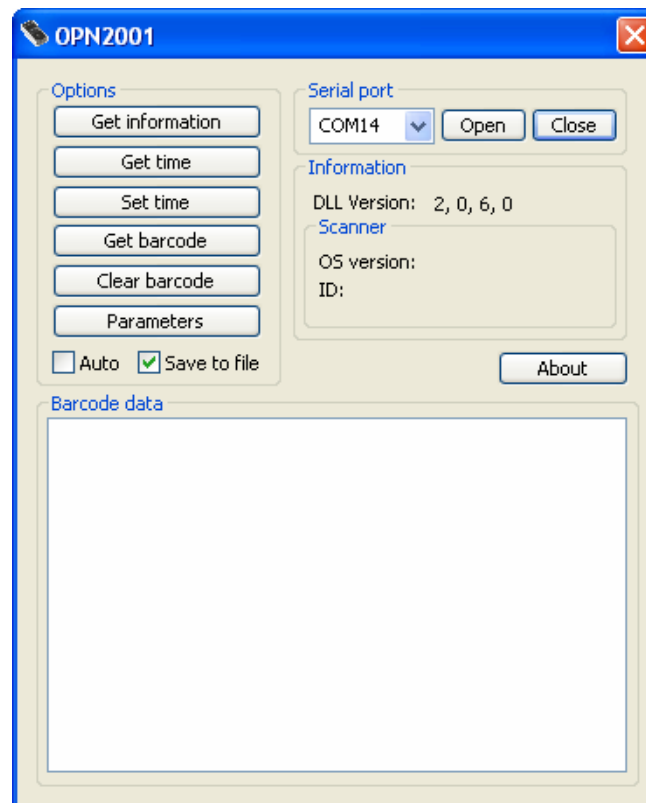**Barcode Data, Barcode Type, Time, Date <CR><LF>**
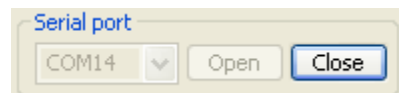
OPN 2001 Download Utility

The OPN 2001 Download Utility application is designed to handle the transfer of collected data from the Opticon OPN 2001 units to a host PC. The utility also allows the user to configure the unit and change its settings.

OPN2001.exe

Brief Description of the Options

Serial Port

Use to open the serial port assigned to the OPN 2001. After selecting the correct port number, click **Open.** After connecting, the **Open** box becomes transparent. The OPN 2001 is now ready to communicate with the Download Utility.
Click on the **Close** box to close the com port.
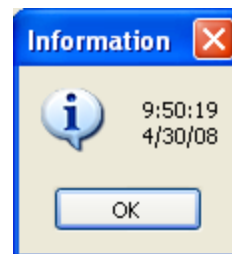
Get Information   [Get information]
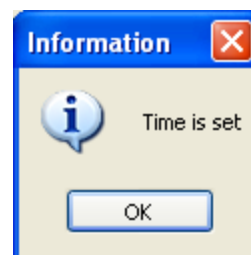
Indicate the OS version and serial number of the unit.

Information
DLL Version: 2, 0, 6, 0
Scanner
OS version: RBBV0128
ID: 0000000000007909

Get Time   [Get time]

Display the real time clock current time and date.

Information ✕
ⓘ 9:50:19
4/30/08
[OK]

Set Time   [Set time]

Update the time and date in the unit internal clock to current
time. After updating the time, a confirmation message is displayed.

Information ✕
ⓘ Time is set
[OK]

Get Barcode   [Get barcode]

Use this option to upload the collected data to the PC.
The OPN 2001 will send the data. The collected data
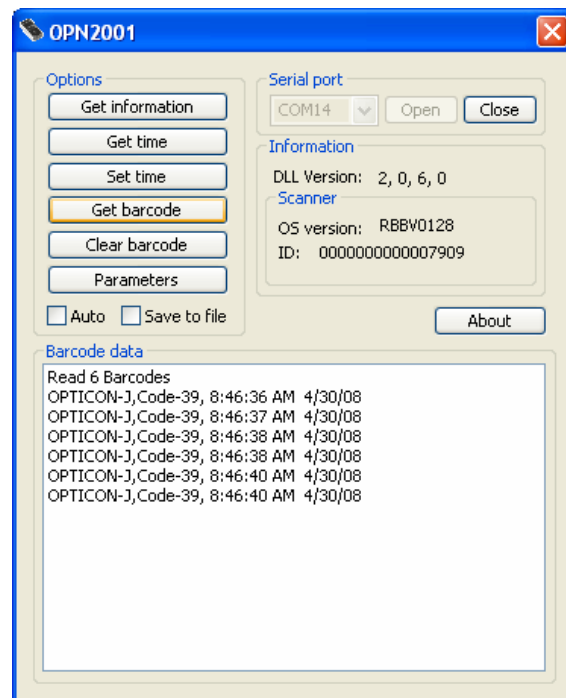is displayed on the lower part of the screen.

Options:

☑ Save to file

To upload the data and store it as a text file,
first place a check mark on **Save to file**
before selecting **Get Barcode**.

☑ Auto

Use this option to automatically transfer the data in
memory once the OPN 2001 is connected to the host
computer. The unit will transfer the data immediately
without the need to select **Get Barcode.**

OPN2001 ✕
Options   Serial port
[Get information]   COM14 ▾ [Open] [Close]
[Get time]   Information
[Set time]   DLL Version: 2, 0, 6, 0
[Get barcode]   Scanner
[Clear barcode]   OS version: RBBV0128
[Parameters]   ID: 0000000000007909
☐ Auto ☐ Save to file   [About]
Barcode data
Read 6 Barcodes
OPTICON-J,Code-39, 8:46:36 AM 4/30/08
OPTICON-J,Code-39, 8:46:37 AM 4/30/08
OPTICON-J,Code-39, 8:46:38 AM 4/30/08
OPTICON-J,Code-39, 8:46:38 AM 4/30/08
OPTICON-J,Code-39, 8:46:40 AM 4/30/08
OPTICON-J,Code-39, 8:46:40 AM 4/30/08

Clear Barcode   Clear barcode

Deletes completely all collected data from memory. Before selecting this option, make sure the collected data has been uploaded to you host computer.

Parameters   Parameters

Display current settings of the unit and allows changing of parameters.

Parameters	
Code-39	1 - Enable
UPC	1 - Enable
Code-128	1 - Enable
Code-39 Full ASCII	0 - Disable
UPC Supps	2 - Auto-D
Convert UPC-E to A	0 - Disable
Convert EAN-8 to EAN-13	0 - Disable
Convert EAN-8 to EAN-13 Type	1 - Enable
Send UPC-A Check Digit	1 - Enable
Send UPC-E Check Digit	1 - Enable
Code-39 Check Digit	0 - Disable
Xmit Code-39 Check Digit	0 - Disable
UPC-E Preamble	2 - Sys cha...
UPC-A Preamble	2 - Sys cha...
EAN-128	1 - Enable
Coupon Code	1 - Enable
I 2 of 5	1 - Enable
I 2of5 Check Digit	0 - Disabled
Xmit I 2of5 Check Digit	0 - Disable
Convert ITF14 to EAN 13	0 - Disable
I 2of5 Length 1	5

Transmit
Default   Settings

Settings

After changing any parameter, select **Settings** to send the new changes to the unit. After transmitting the new settings, close the parameter window.

Default

Select the **Default** option to set the unit to factory defaults. After transmitting the default settings, close the parameter window.