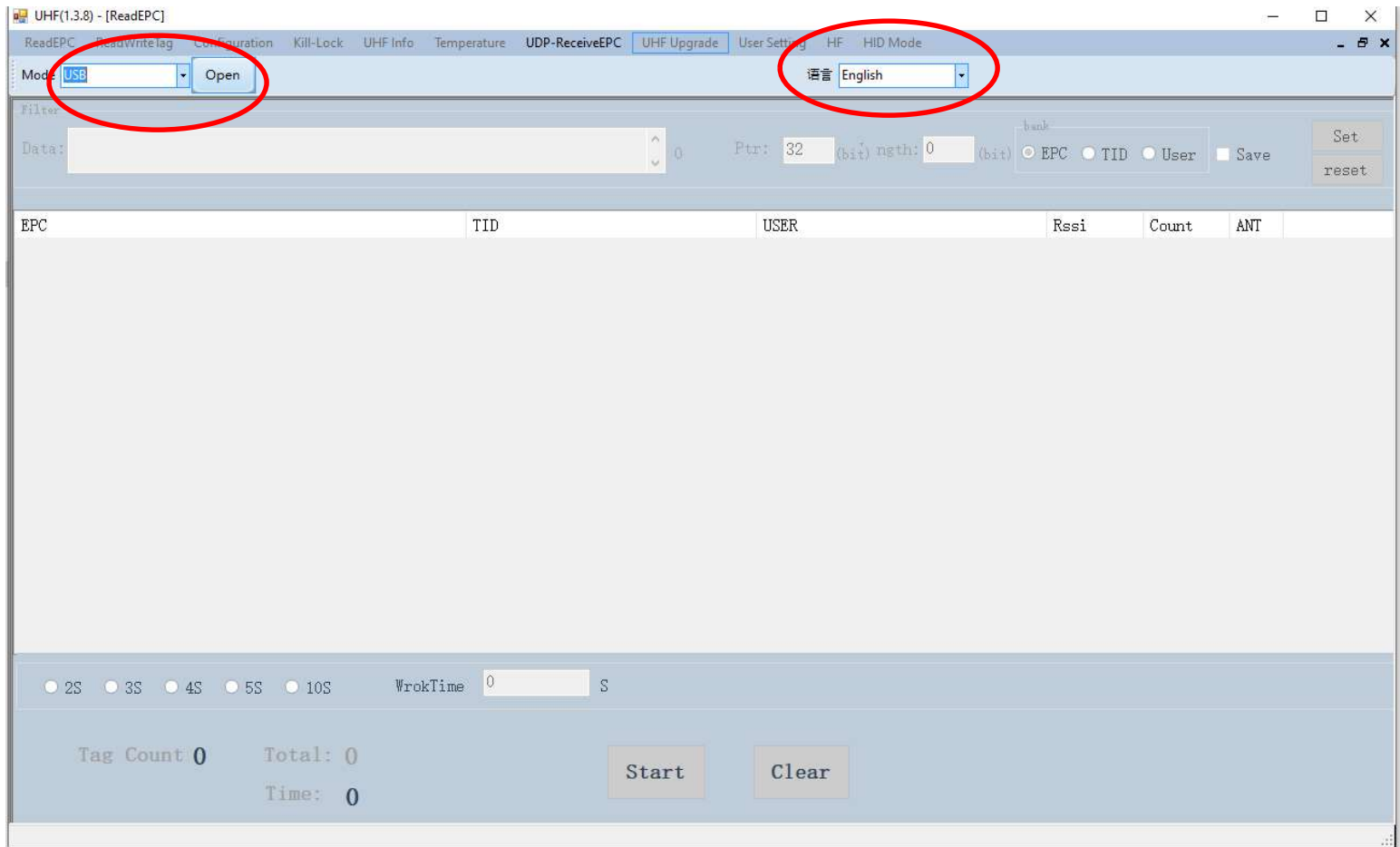


SR160 Configuration Program (UHFAPP.exe)

1. Plug the SR160 Scanner into the PC's USB port using the cable provided with the unit.
2. Open the UHFAPP.exe program and change the language to English and the connection type to USB. See below.



- Now select the **User Settings** Tab along the top of the page to navigate to the next screen.

The screenshot shows the 'UHF(1.3.8) - [ReadEPC]' application window. The 'User Setting' tab is selected and highlighted with a red circle. The interface includes a top menu bar with options: ReadEPC, ReadWriteTag, Configuration, Kill-Lock, UHF Info, Temperature, UDP-ReceiveEPC, UHF Upgrad, User Setting, and HID Mode. Below the menu bar, there is a 'Mode' dropdown set to 'USB' and a 'Close' button. A 'Filter' section contains a 'Data:' input field, a 'Ptr:' field set to '32 (bit)', and a 'ngth:' field set to '0 (bit)'. There are also radio buttons for 'bank' selection: EPC (selected), TID, and User. A 'Save' checkbox and 'Set'/'reset' buttons are present. The main area displays a table with columns: EPC, TID, USER, Rssi, Count, and ANT. At the bottom, there are radio buttons for '2S', '3S', '4S', '5S', and '10S', a 'WrokTime' field set to '0 S', and a status section showing 'Tag Count 0', 'Total: 0', and 'Time: 0'. 'Start' and 'Clear' buttons are also located at the bottom.

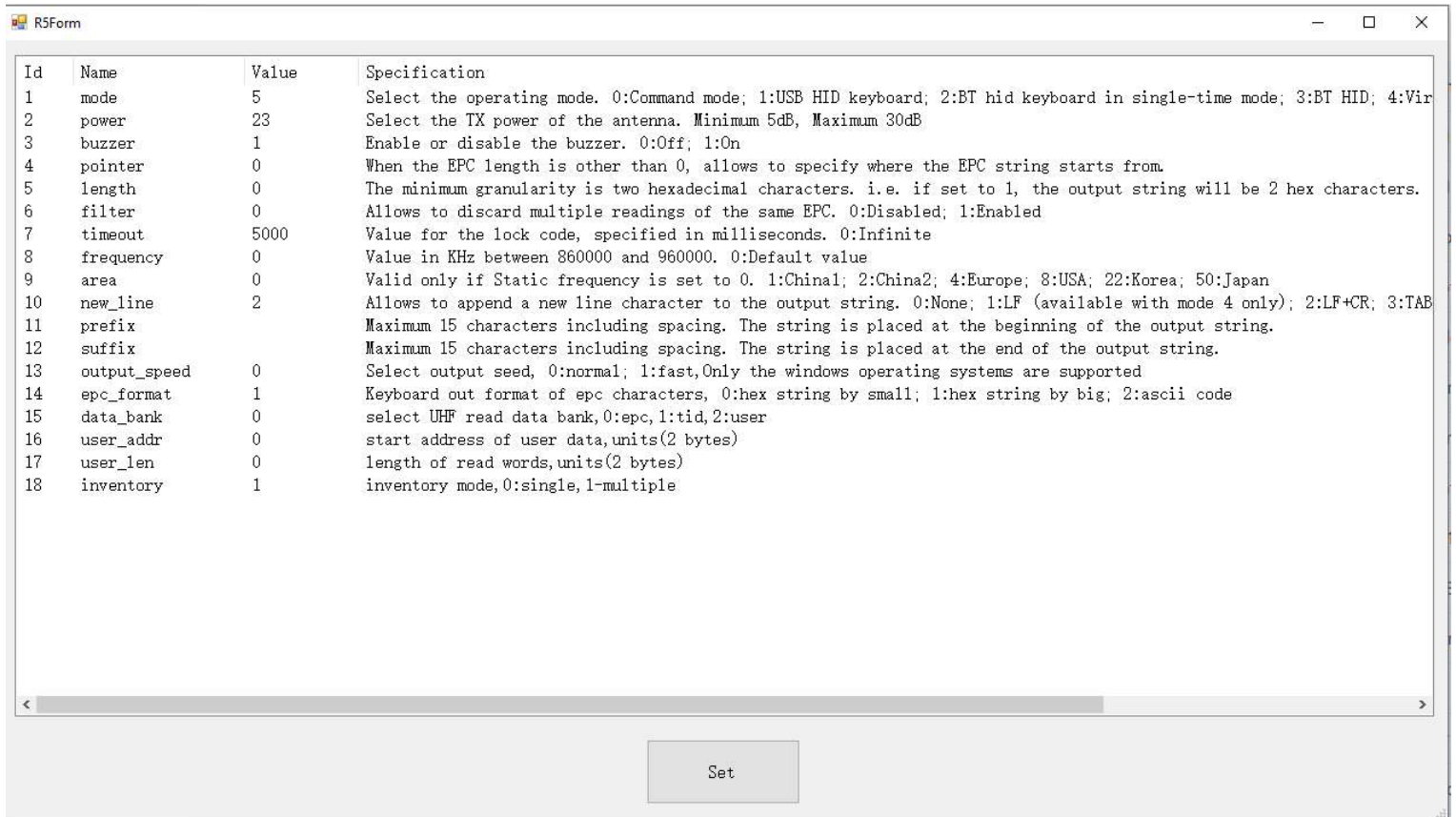
EPC	TID	USER	Rssi	Count	ANT
-----	-----	------	------	-------	-----

Tag Count 0 Total: 0 Time: 0

Start Clear

User Setting Page shown below.

4. On the Users Settings page you can change scanner settings such as adjusting the power output or adding a suffix.

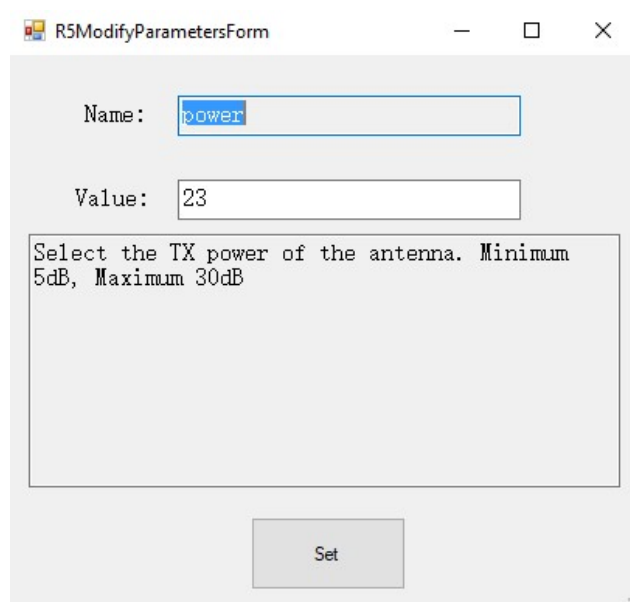


The screenshot shows a window titled "R5Form" with a table of settings. The table has four columns: Id, Name, Value, and Specification. The settings are listed as follows:

Id	Name	Value	Specification
1	mode	5	Select the operating mode. 0:Command mode; 1:USB HID keyboard; 2:BT hid keyboard in single-time mode; 3:BT HID; 4:Vir
2	power	23	Select the TX power of the antenna. Minimum 5dB, Maximum 30dB
3	buzzer	1	Enable or disable the buzzer. 0:Off; 1:On
4	pointer	0	When the EPC length is other than 0, allows to specify where the EPC string starts from
5	length	0	The minimum granularity is two hexadecimal characters. i.e. if set to 1, the output string will be 2 hex characters.
6	filter	0	Allows to discard multiple readings of the same EPC. 0:Disabled; 1:Enabled
7	timeout	5000	Value for the lock code, specified in milliseconds. 0:Infinite
8	frequency	0	Value in KHz between 860000 and 960000. 0:Default value
9	area	0	Valid only if Static frequency is set to 0. 1:China1; 2:China2; 4:Europe; 8:USA; 22:Korea; 50:Japan
10	new_line	2	Allows to append a new line character to the output string. 0:None; 1:LF (available with mode 4 only); 2:LF+CR; 3:TAB
11	prefix		Maximum 15 characters including spacing. The string is placed at the beginning of the output string.
12	suffix		Maximum 15 characters including spacing. The string is placed at the end of the output string.
13	output_speed	0	Select output speed, 0:normal; 1:fast,Only the windows operating systems are supported
14	epc_format	1	Keyboard out format of epc characters, 0:hex string by small; 1:hex string by big; 2:ascii code
15	data_bank	0	select UHF read data bank,0:epc,1:tid,2:user
16	user_addr	0	start address of user data,units(2 bytes)
17	user_len	0	length of read words,units(2 bytes)
18	inventory	1	inventory mode,0:single,1-multiple

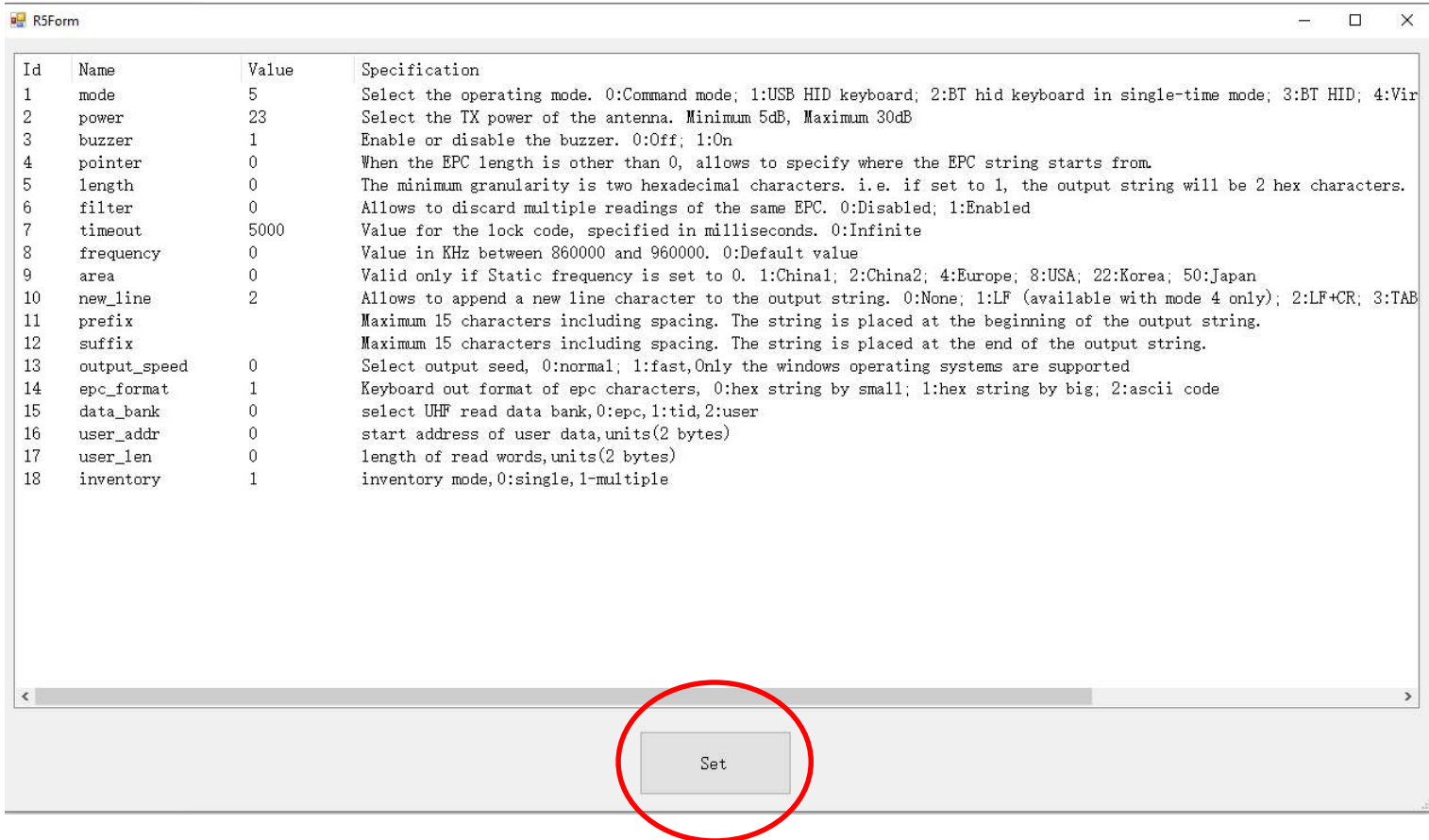
At the bottom of the window is a "Set" button.

5. To change a setting, double click on the line that you wish to change, and a smaller box will open with instructions regarding the setting and available changes. Make the desired change and select **Set**.



The screenshot shows a dialog box titled "R5ModifyParametersForm". It contains two input fields: "Name:" with the value "power" and "Value:" with the value "23". Below these fields is a text box containing the instruction: "Select the TX power of the antenna. Minimum 5dB, Maximum 30dB". At the bottom of the dialog is a "Set" button.

- When you have finished all setting updates, select **Set** at the bottom of the Users Settings Page to commit the changes to the scanner. A “Success” message will appear.



- Close the Users Settings page using the X in the upper right-hand corner. Now **Close** the connection to the scanner and you have completed the scanner setting update.

