

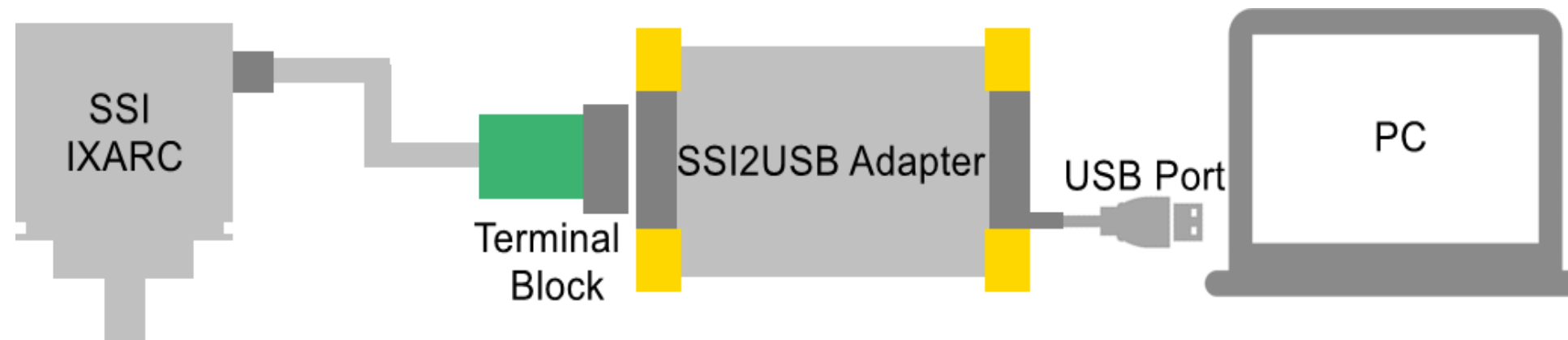
## QUICK START MANUAL

### SSI2USB Adapter



▶ **Sample: SSI2USB Adapter DB15 (VA01)**  
**(SSI Encoder: UCD-SHPPP-PPPP-L100-CRW)**

## Device Connection



- 1. Connect the encoder to the Terminal block.
- 2. Plug the Terminal block into the SSI2USB Adapter.
- 3. Plug the USB port to a PC.
- 4. Install the interface software in the PC.

## Software Installation



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### SSI2USB INTERFACE



Adapter box that can be used to capture or read SSI data and display it on a PC using a Graphical User Interface via a USB port.

**Downloads**

- 1 SSI 2 USB Datasheet
- 2 SSI2USB\_1.3.2\_GUI.zip

**Events**

**SAJAM TEHNIKE**  
Belgrade, Serbia  
Represented by our Partner IB Blumenauer  
16-May - 20-May-2016

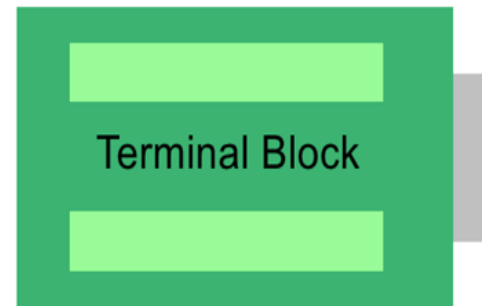
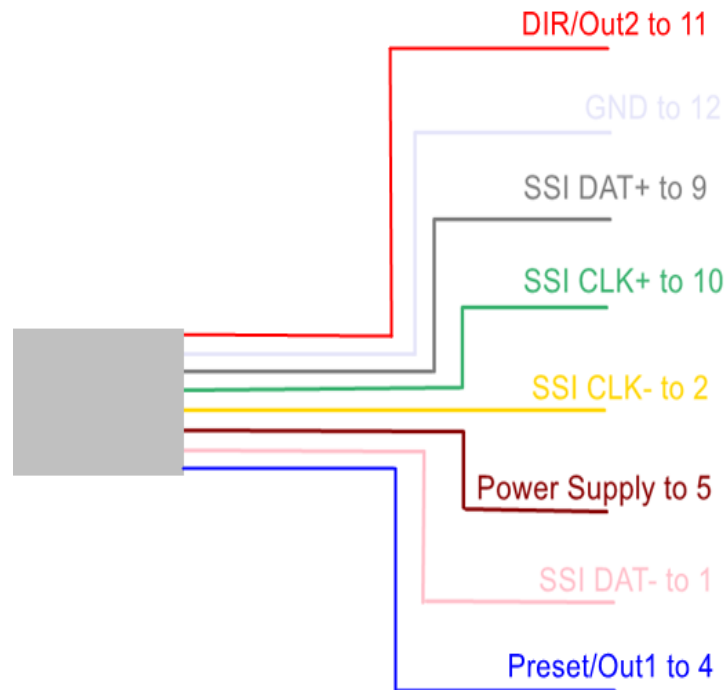
**SPS IPC Drives Italia**  
Parma, Italy  
Hall 3  
24-May - 26-May-2016

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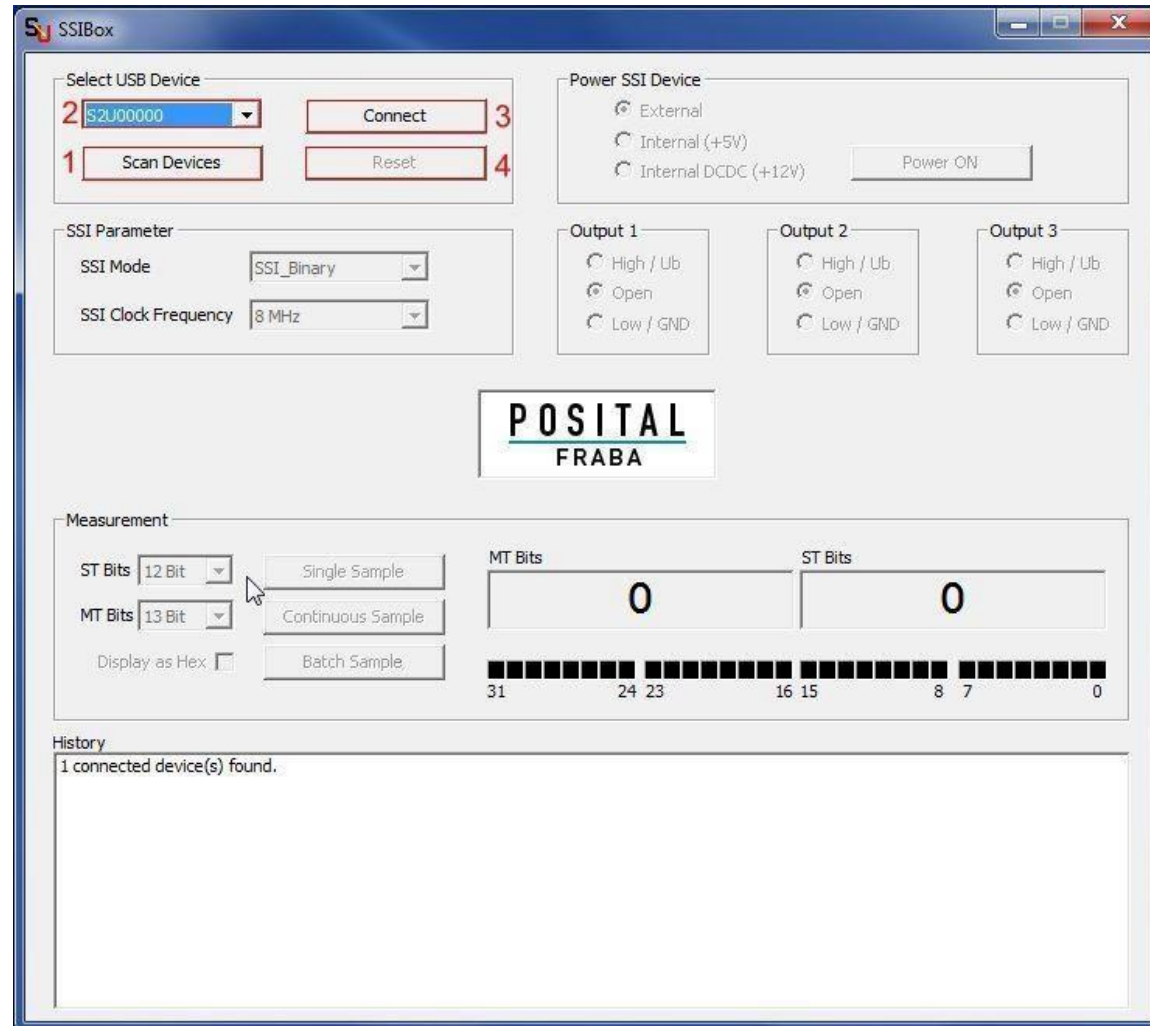
1. Click to download the instruction on the Adapter box.
2. Click to download the interface software. Easy to install.

## Pin Assignment



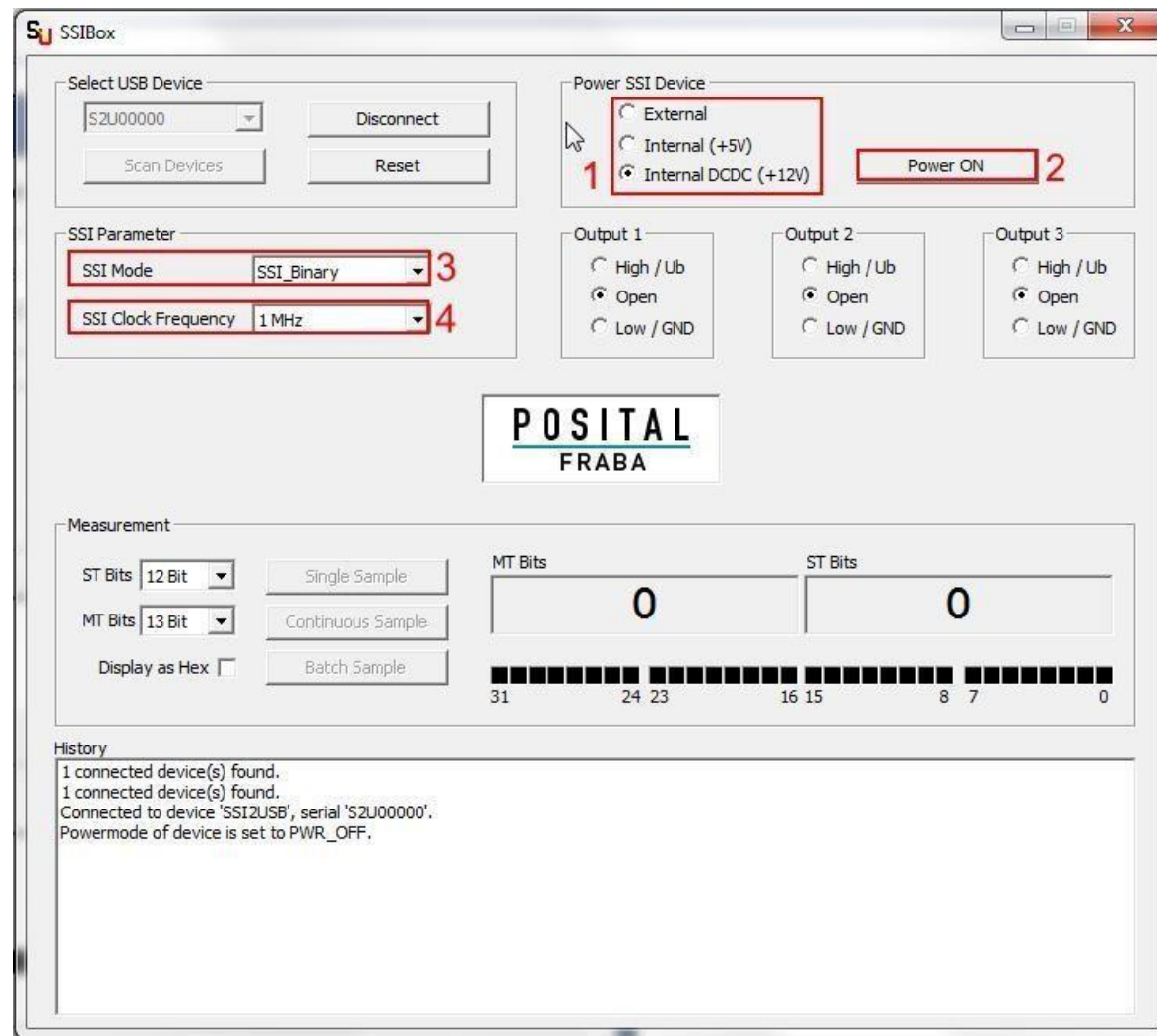
- 1. White pin to terminal 12. It is the GND level.
- 2. Grey pin to terminal 9. It is SSI DAT+.
- 3. Green pin to terminal 10. It is SSI CLK+.
- 4. Yellow pin to terminal 2. It is SSI CLK-.
- 5. Brown pin to terminal 5. It is the Sensor Power Supply.
- 6. Pink pin to terminal 1. It is SSI DAT-.
- 7. Blue pin to terminal 4. It is Preset/Out1.
- 8. Red pin to terminal 11. It is Direction/Out2.

## Connect



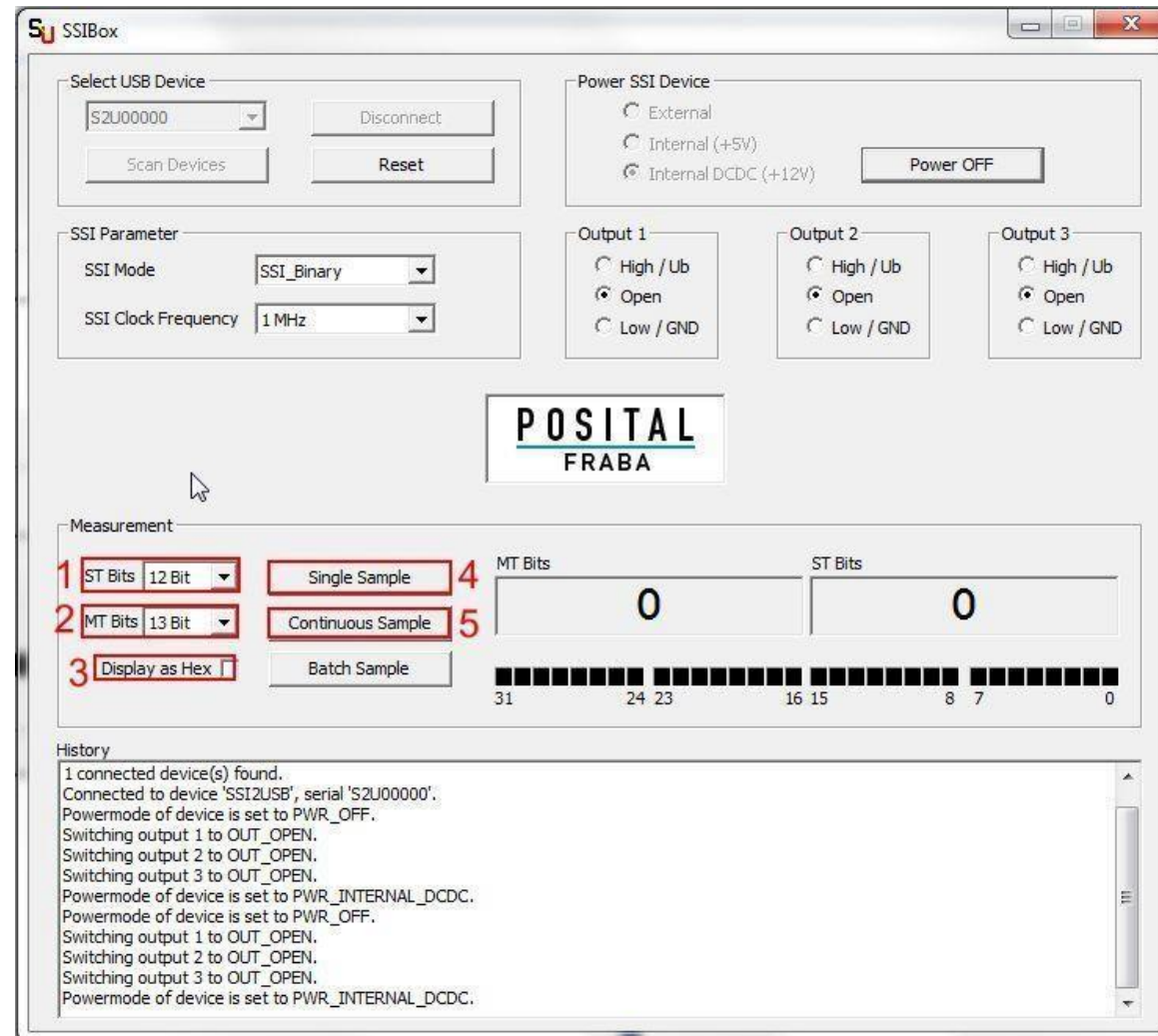
1. Click to scan USB devices.
2. Choose device in the pull-down menu.
3. Click to connect.
4. Click to reset all the settings

## Power Supply Mode & SSI Parameter



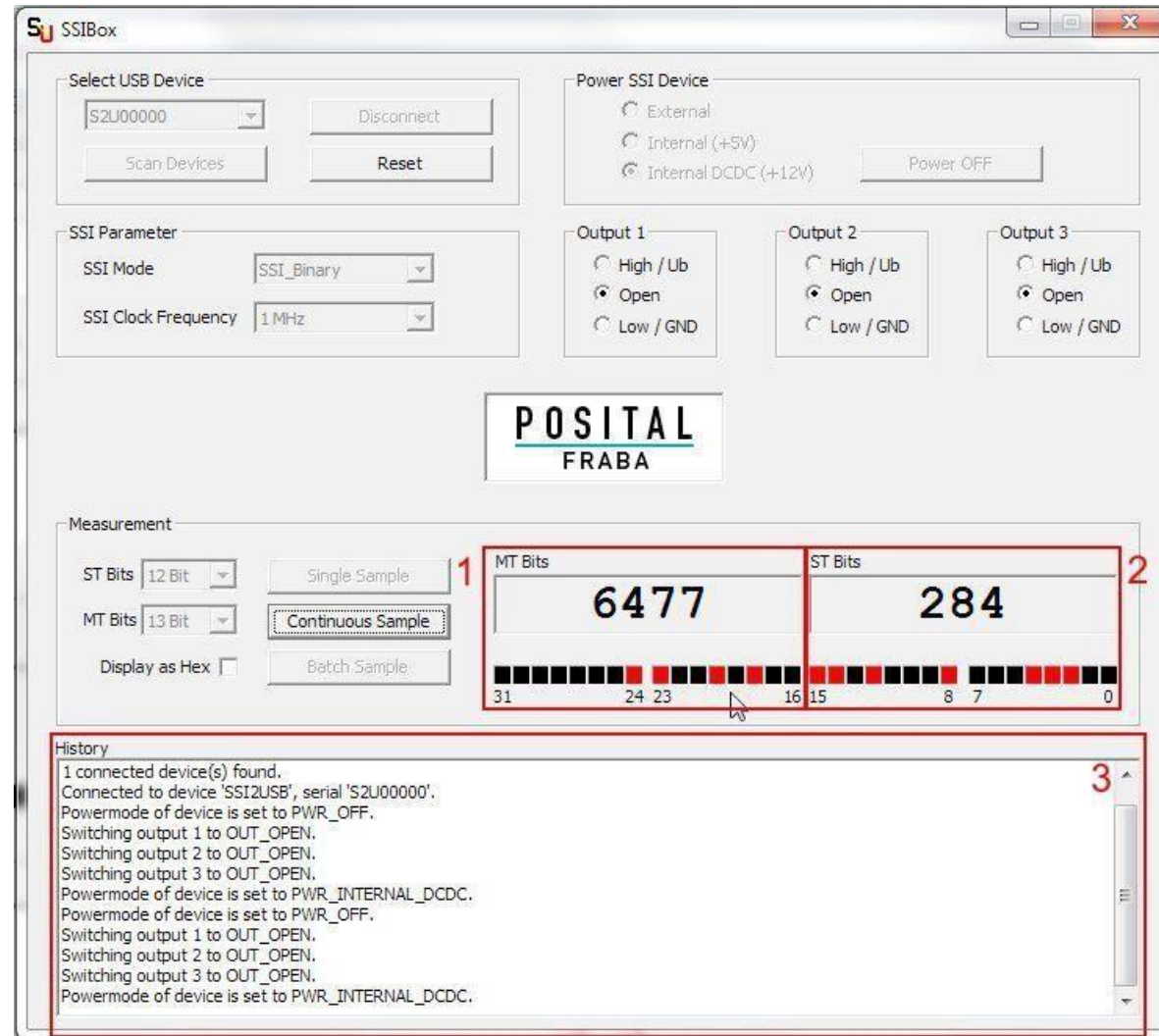
- 1. Choose the power supply mode.
- 2. Click to power on the encoder.
- 3. Choose SSI mode between Binary and Gray.
- 4. Choose SSI Clock Frequency in the pull down menu.

## Measurement



- 1. Choose ST Bits.
- 2. Choose MT Bits.
- 3. Click on to display as Hex.
- 4. Single Sample.
- 5. Continues Sample

## Display



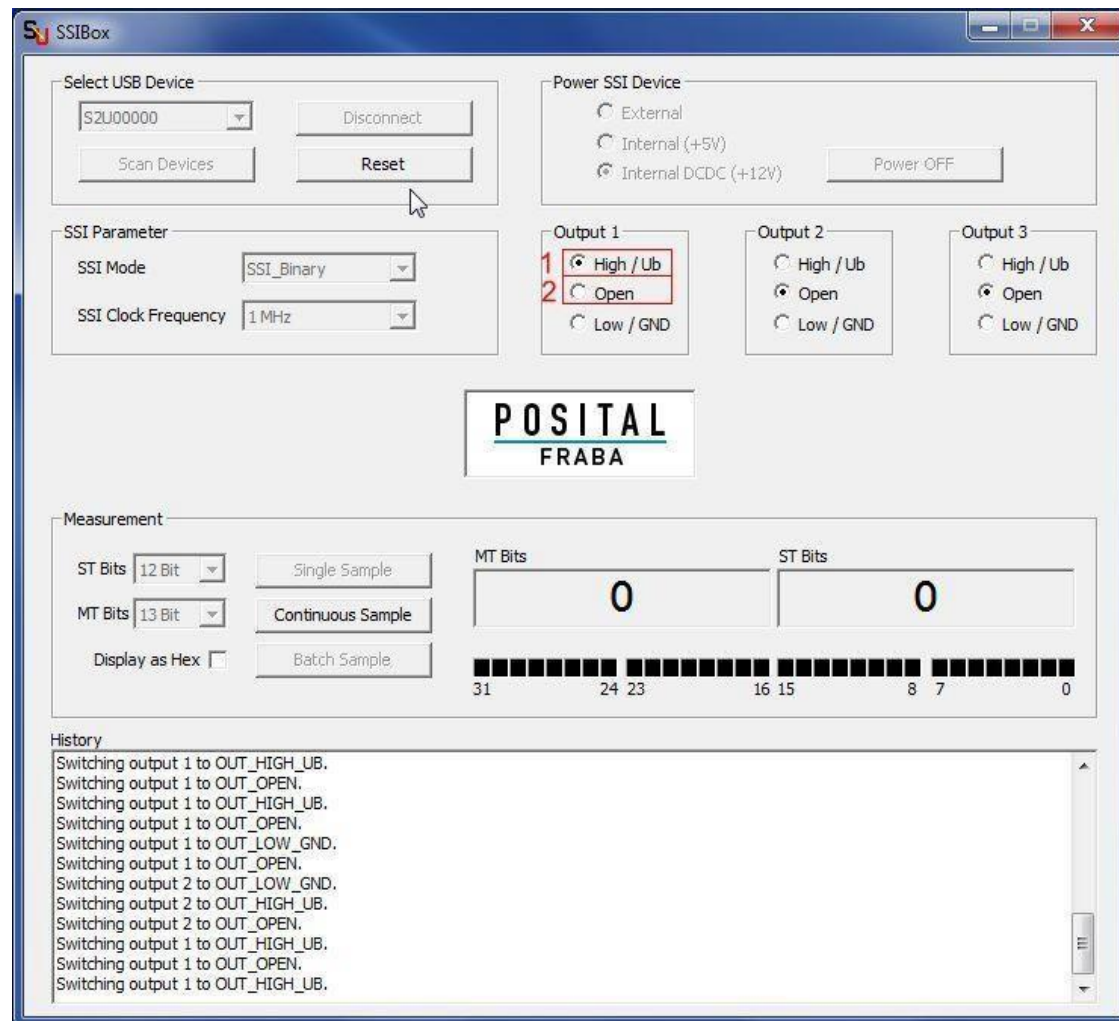
➤ 1. Displays the MT position.

➤ 2. Displays the ST position.

➤ 3. Display History messages.



## Preset/Out1 Function

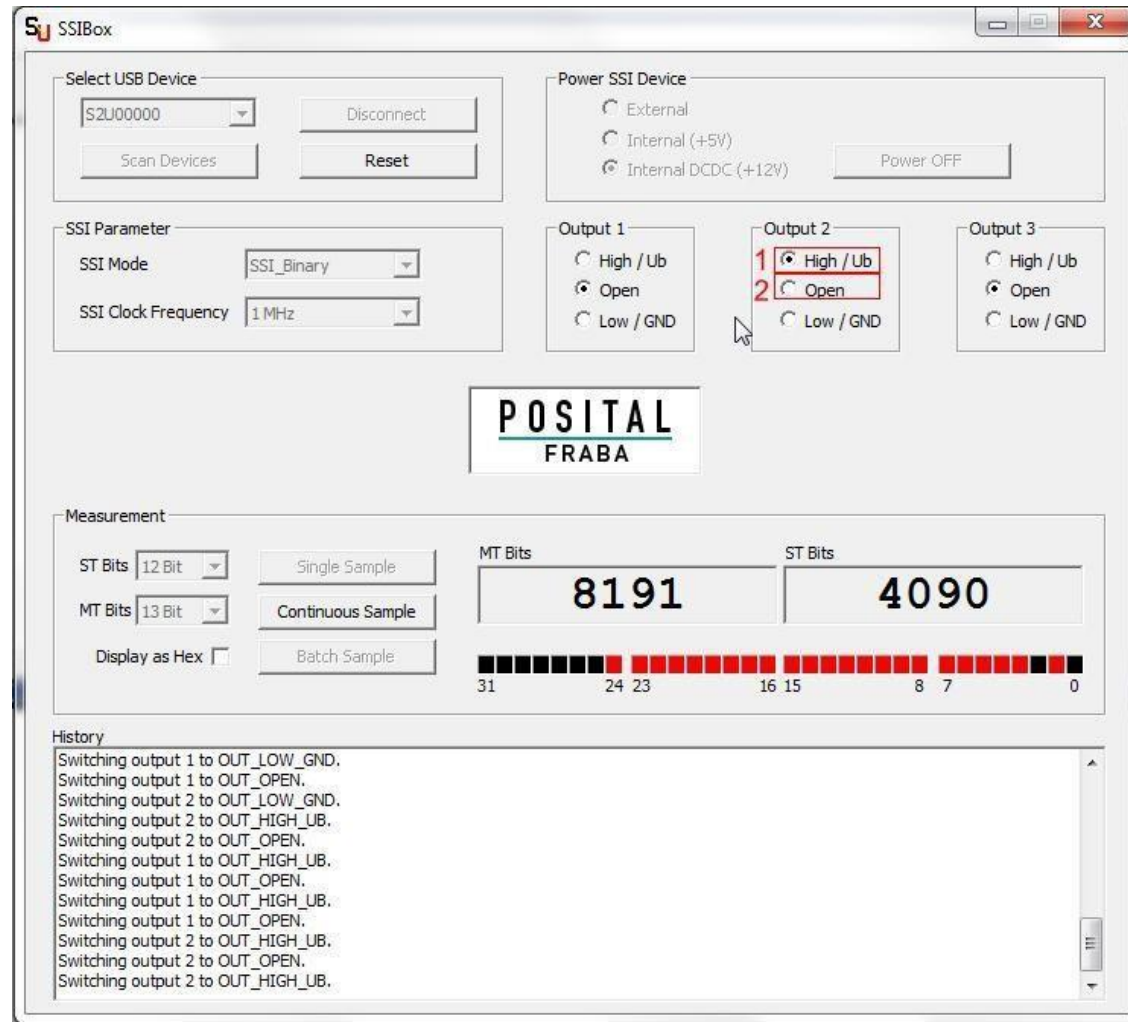


➤ 1. Apply high signal on Out1.

➤ 2. Then remove the high signal from Out1.

➤ The present position will be set to the initial position. This is the preset function.

## Direction / Out2 Function



➤ 1. As long as there is high signal applied on Out2, the direction is inverted.

➤ 2. To restore default direction, remove the high signal on Out2.

➤ This is the function of changing Direction with the Out2 pin.

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