Setting Function Configuration

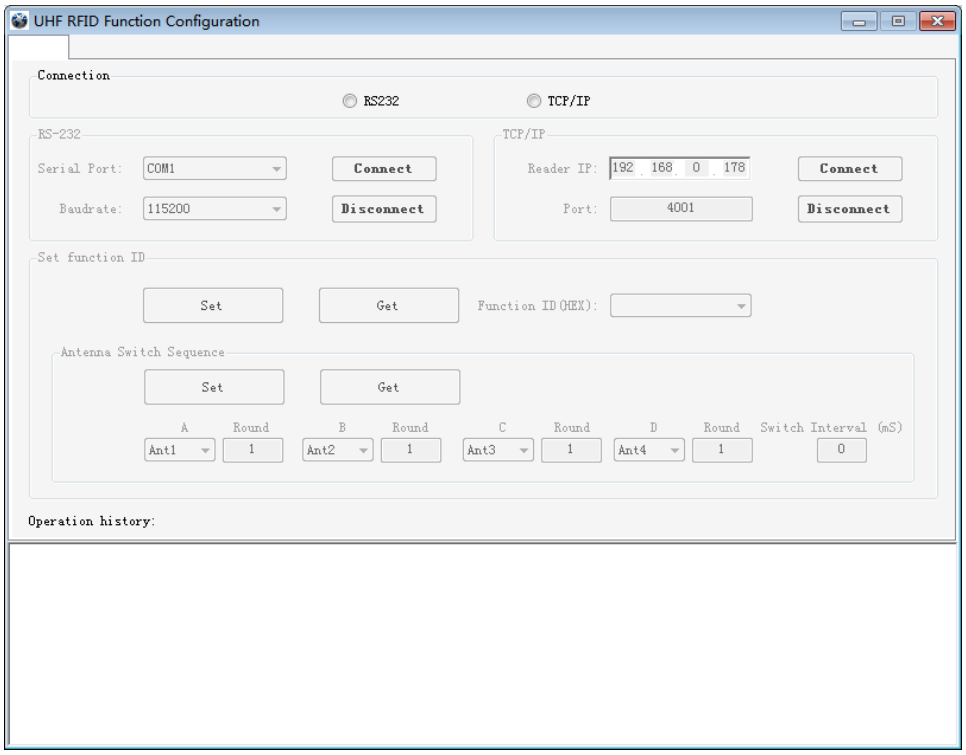
Function Configuration List

Cmd No.	Function	GPIO1 Behavior	Notes
0x00	Standard Mode	Blank	
0x02	Automatic reading tags. Wiegand 34 output(in-phase)	GPIO1 High Level On	
0x03	Automatic reading tags. Wiegand 26 output(in-phase).	GPIO1 High Level On	
0x04	Automatic reading tags. Fast switch antenna mode.	Blank	Can't be controlled by GPIO
0x05	GPIO trigger once, automatic reading tags. Fast switch antenna mode（Time can be set）。	GPIO1 High Level On	
0x06	Automatic reading tags. Wiegand 26 output (reversed-phase).	GPIO1 High Level On	
0x07	Function Park，Serial port output.	GPIO1 High Level On	
0x08	Automatic burn-in.	GPIO1 Low level On	
0x09	Automatic reading tags. Fast switch antenna mode, Wiegand 26 output(in-phase).	GPIO1 High Level On	
0x0A	Automatic reading tags. Fast switch antenna mode, Wiegand 26 fast output(in-phase, time between datas is 5mS).	GPIO1 High Level On	
0x0B	Automatic reading 6B tags. Wiegand 26 output(in-phase).	GPIO1 High Level On	
0x0C	Automatic reading 6B tags. Wiegand 26 output(reversed-phase).	GPIO1 High Level On	
0x0D			
0x0E			
0x0F	Automatic reading tags. Fast switch antenna mode.	GPIO1 Low level On	
0x10	Automatic reading tags. Fast switch antenna mode. Can get buffer.	GPIO1 High Level On	
0x11	Automatic reading tags. Fast switch antenna mode. Reading Identifier of Reader at the same time.	GPIO1 High Level On	Intervals due to quantity of tags.
0x12	Automatic reading tags. Fast switch antenna mode. Every times read tag will trigger GPIO3 output (High).	GPIO1 High Level On	Set trigger time via set Switch Interval between antennas, unit: s
0x13	Low power consumption mode		Mobile device

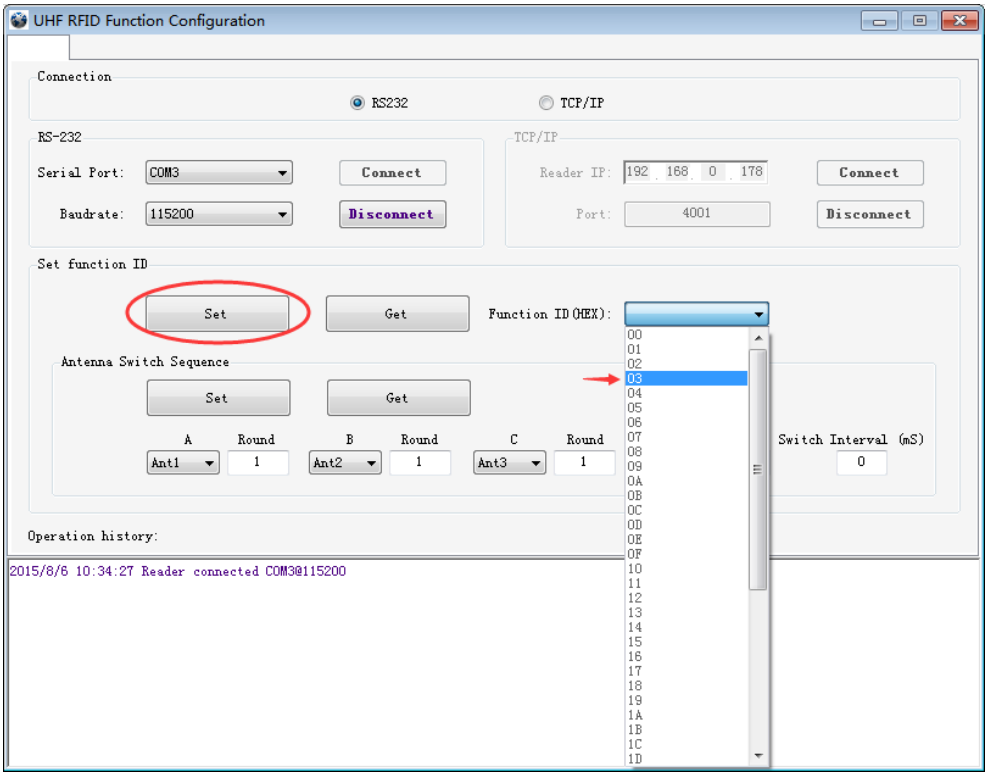
3.1 Setting Function Configuration

3.1.1 Setting Function Configuration via Cmd.

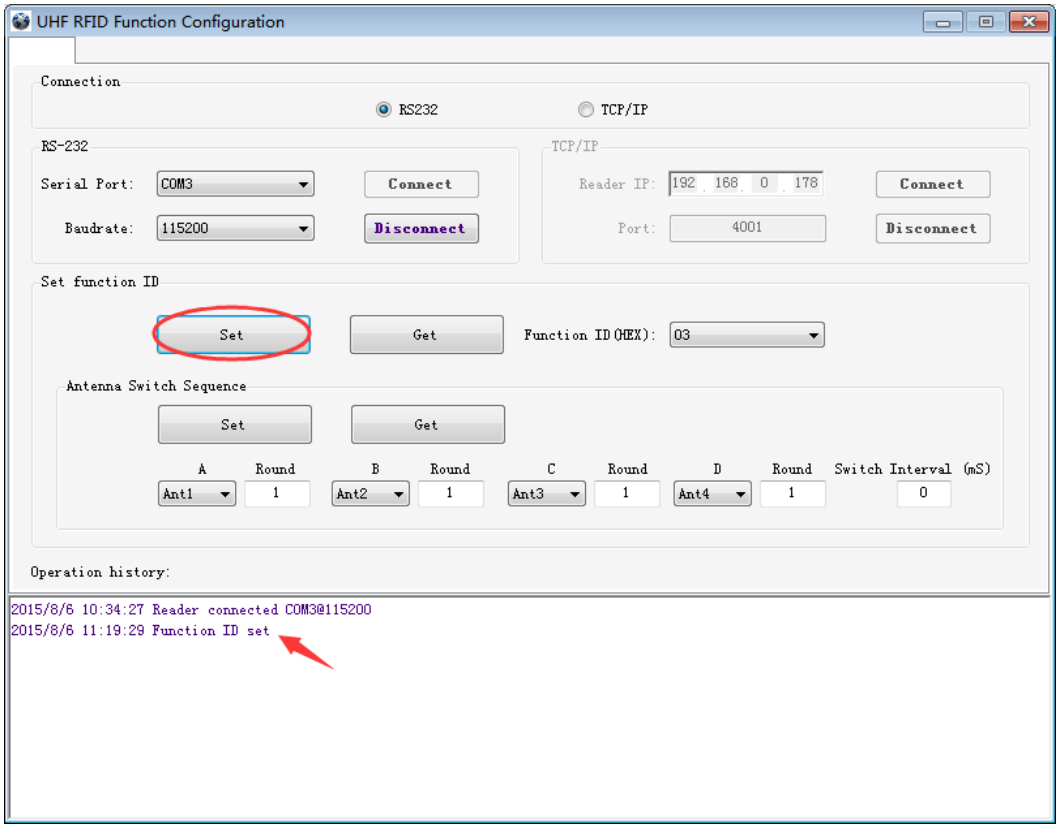
Launch the supplied Software: **Function_ID**, the following screen displays:



Connecting **Reader** with **UHF RFID Function Configuration**. Selecting the corresponding **Function ID**:

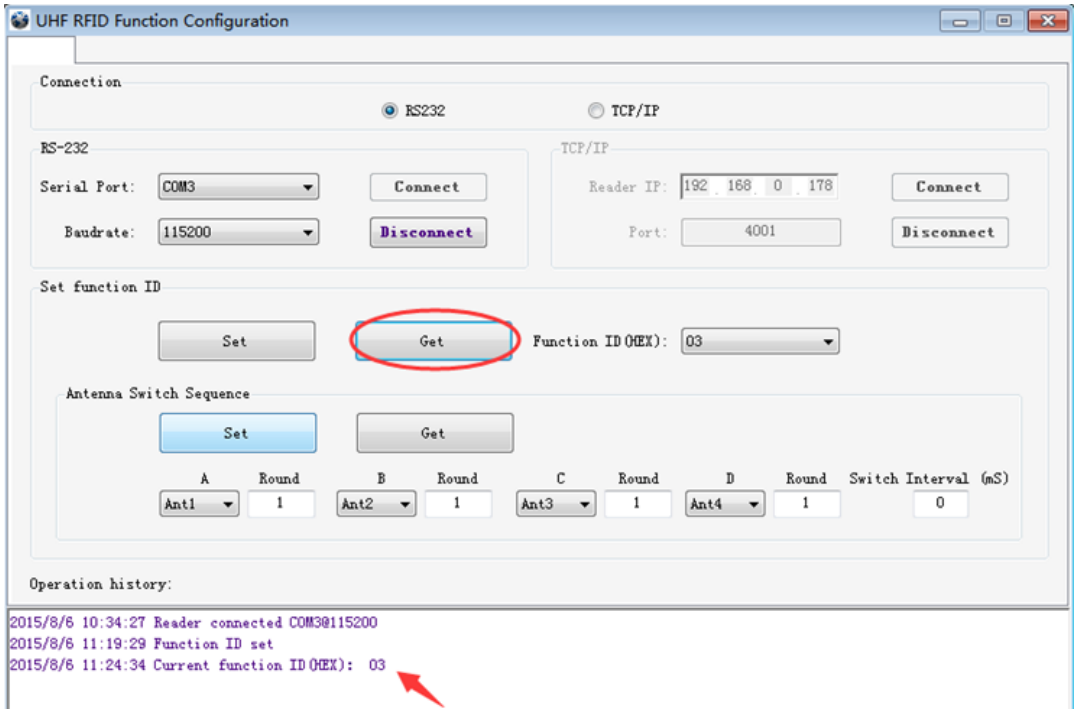


Click **Set**, the **Operation history** column displays:



Now, **Function Configuration** has been set successfully. Reader will work as the corresponding Function Mode.

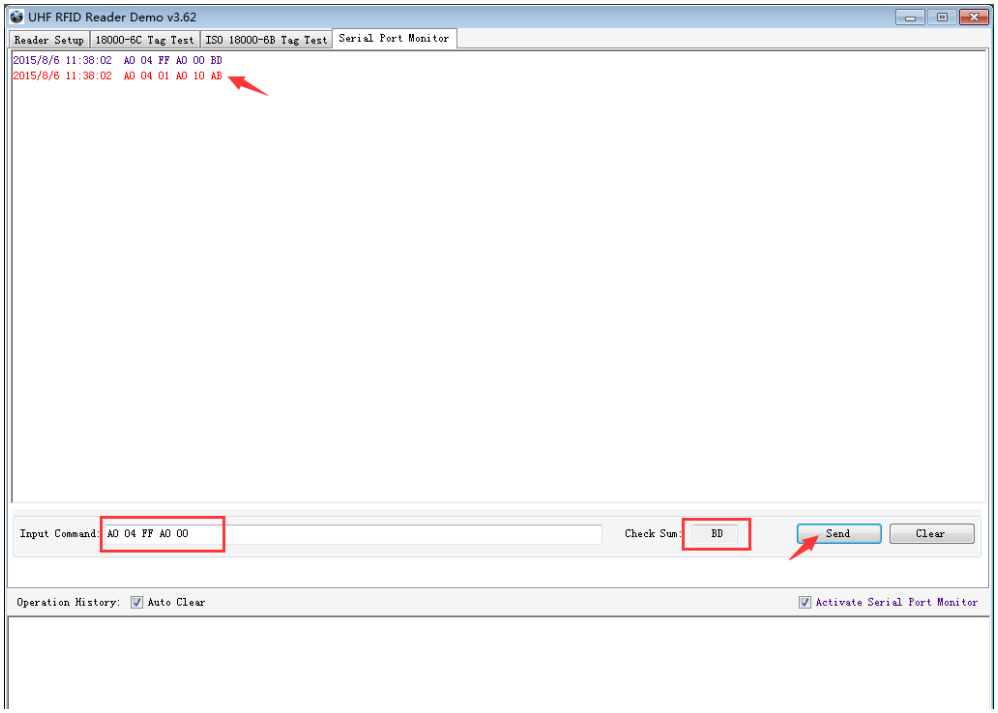
Users also can click **Get** to check the Reader working mode:



3.1.2 Setting Function Configuration via Cmd.

Command ： A0 04 FF A0 **(Cmd No.) **(Check)

eg：Standard Mode: **A0 04 FF A0 00 BD**



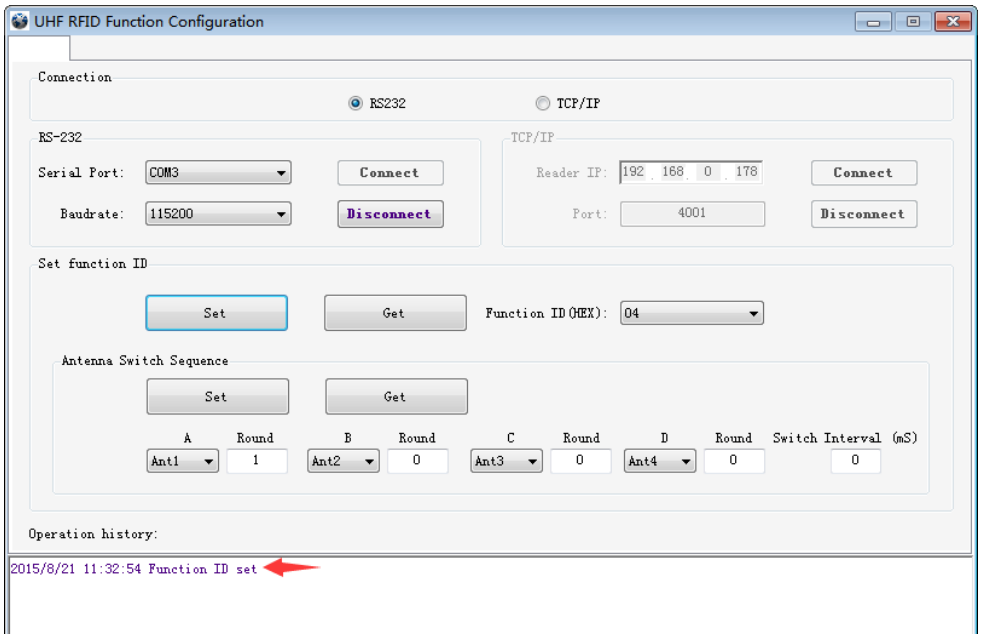
Note: About check pls see *Serial_Protocol_User's_Guide_V2.38_en*.

Then, Reader will work as the corresponding Function Mode.

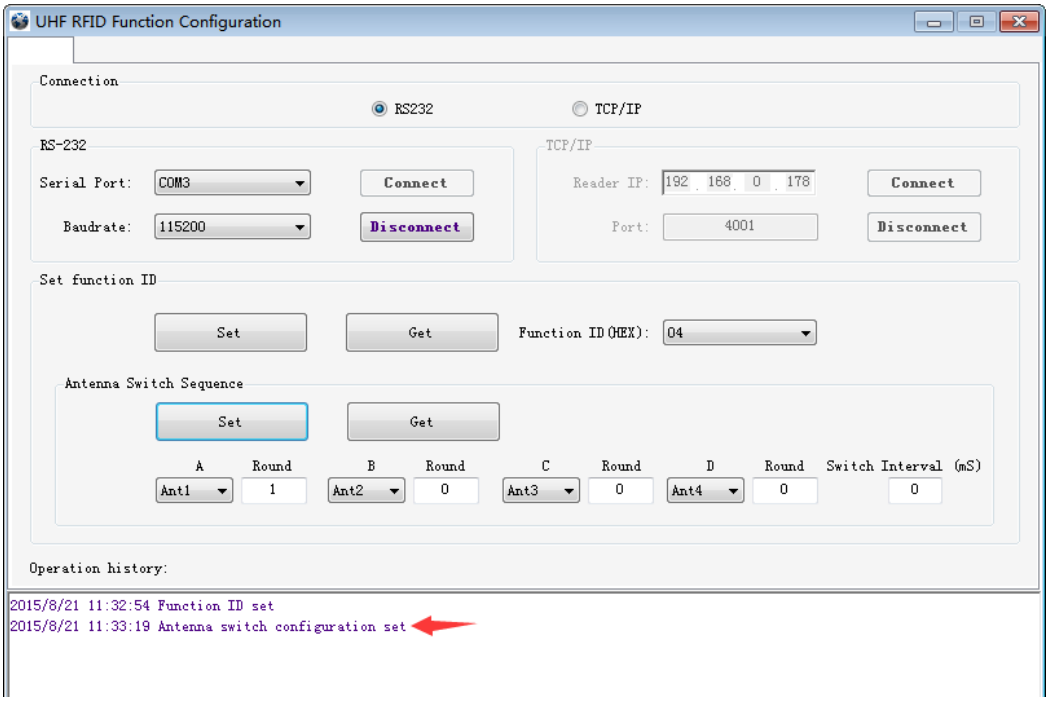
3.2 Setting Antenna Switch Sequence

For example: Setting antenna Switch Sequence under 04 mode, using Ant 1 only.

First step: Set 04 mode.



Second step: set Ant2, Ant3, Ant4 Round times to 0, click **Set:**



Then click **Get**, the follow screen as below means set **Antenna Switch Sequence** successfully: