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**7315-2**  
**WIRELESS RECEIVER**  
**OPERATION MANUAL**



## Introduction

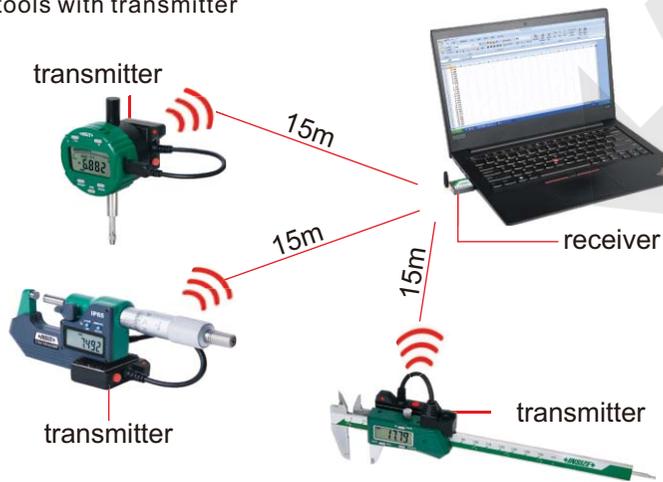
- 7315-2: multichannel receiver, connected with maximum 16 transmitters, text format virtual com port, converted to keyboard format (same as keyboard typewrite input into EXCEL, WORD etc.) with supplied software.



- Transfer distance is 15 meters (Under the condition of no obstruction and no electromagnetic interference)
- The USB port is plugged into the computer, powered by the computer USB port, and the voltage is 5V

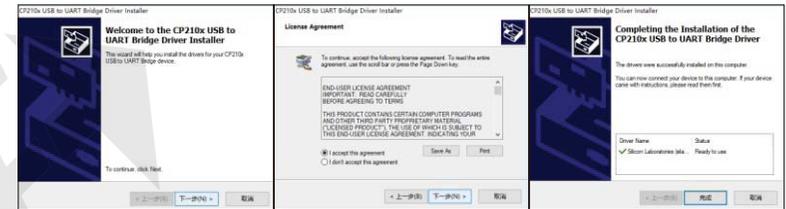
## Connect Operation

Connect the receiver to the computer, and connect the measuring tools with transmitter

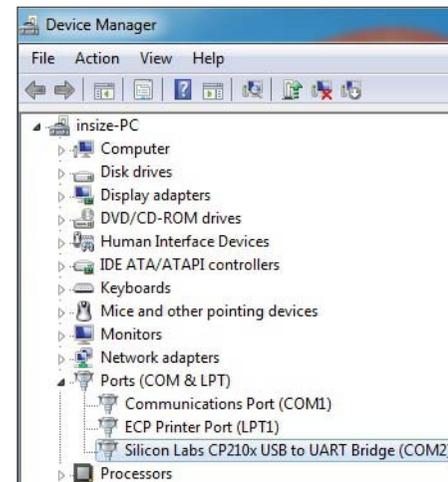


## Operating Instructions

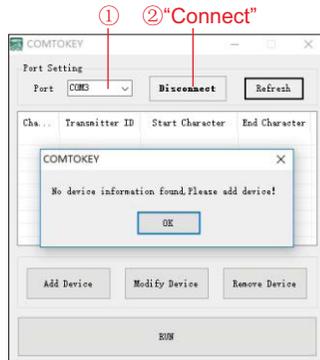
- Install the driver:  
Open the Drivers folder and install the driver (CP210xVCPInstaller\_x64 for 64-bit system; CP210xVCPInstaller\_x86 for 32-bit systems). The steps are as follows:



- Copy the application COMTOKEY to your computer.
- Plug the receiver into the computer's USB port (the COM port can be viewed in the device manager) as shown on the right:



- Double-click to open the application COMTOKEY, select the port number; click "Connect"; When the receiver is blank and unpaired, it will remind: "No device information found, please add device!"

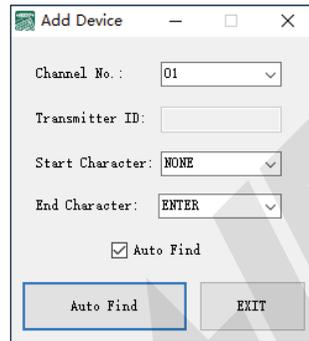


COMTOKEY main interface

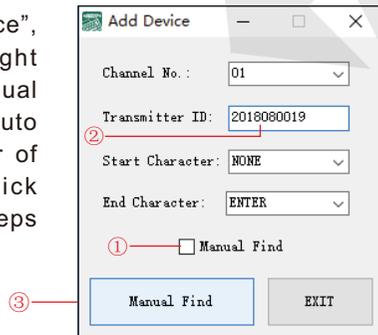
5 Add device: there are following two ways (Either way will do).

1. Auto Find: Click “Add Device”, the window shown on the right will pop up, click “Auto Find”, and press the red button on the corresponding transmitter to add it; Repeat above steps to add multiple devices.

**Note:** Auto Find must be done when the transmitter is normally powered and connected to the gage which is powered on.



2. Manual Find: click “Add Device”, the window shown in the right picture will pop up, select Manual Find (uncheck the box before “Auto Find”), input the serial number of the transmitter, and then click “Manual Find”. Repeat above steps to add multiple devices.



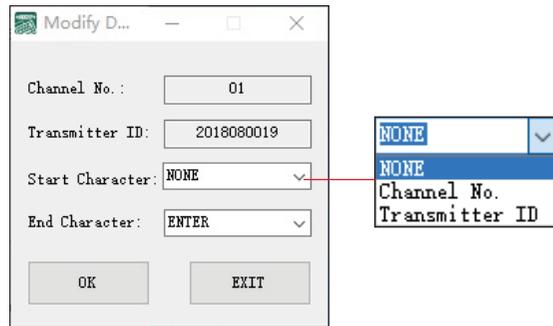
- 6 Remove device: In the main interface, select the device you want to remove and then click “Remove Device” to remove it.
- 7 Data Transfer: After adding the device, click “Run”, open the Excel table. Tap the red button on the corresponding transmitter to transfer the measuring data to the desired position, which is equivalent to entering data with the keyboard and pressing the Enter key.

In the case of EXCEL, the data will be input into the selected cell and followed by an ENTER command (skip to the next cell, the direction of movement can be set in the EXCEL advanced options), as shown on the right.

	A	B	C	D
1	10.88			
2	5.963			
3	50.03			
4	25.49			
5	50.05			
6	10.89			
7	25.51			
8	5.965			
9	10.86			
10	50.04			
11	50.05			
12	50.02			

**Note:** Once the device is added and not deleted, it will be memorized in the receiver, When the port is opened next time, the paired information will be displayed in the main interface, just click “Run” to start data transfer.

- 8 Advanced Settings:
  - 1. To distinguish the data source and identify the correspondence between data and gages, you can set the data output format and add “Start Character” before the data: channel number or transmitter ID. The setting method is as follows:  
In the main interface, select the device, then click “Modify Device”, the following window will pop up. Click the drop-down arrow (∨) on the right side of the “start character”, the drop-down option appears, you can choose channel number or transmitter ID as start character, and click “OK”.



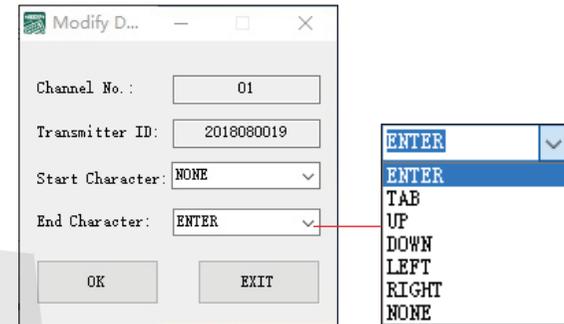
An example of data output is shown below:

Channel No. + data      Transmitter ID + data

	A	B	C	D	E	F	G	H
1	59.22		2	54.29		2018080019	34.1	
2	52.51		2	42.08		2018080019	34.1	
3	41.02		2	24.81		2018080019	67.51	
4	59.27		2	24.81		2018080019	57.69	
5	164.53		2	46.56		2018080019	71.11	
6	138.21		2	55.29		2018080019	93.45	
7	133.44		2	42.11		2018080019	53.31	
8	115.77		2	42.12		2018080019	28.64	
9	89.51		2	50.14		2018080019	28.65	
10	79.23		2	53.35		2018080019	47.31	
11	70.57		2	48.65		2018080019	47.31	
12	57.08		2	34.59		2018080019	51.56	
13	33.78		2	55.74		2018080019	54	
14	23.82					2018080019	54	
15	40.28					2018080019	60.84	
16	29.57							
17	37.59							
18								

2. You can also set the “End Character” as required, that is, the command executed after each data is output, such as: “ENTER” or “TAB” command. The setting method is as follows:

In the main interface, select the device, then click “Modify Device”, the following window will pop up. Click the drop-down arrow( ) on the right side of the “End Character”, the drop-down option appears, you can choose appropriate command as end character, and click “OK”.



The above settings can also be operated directly when adding devices.

9 Supplement:

If you want to add, modify or delete devices in the process of data transfer, you need to select “STOP” first, and then execute the corresponding operation after the program returns to the main interface.

