



**7214**  
**BLUETOOTH TRANSMITTER**  
**OPERATION MANUAL**



## Introduction

- 7214 series bluetooth transmitters, bluetooth name: INS\_7214, through bluetooth transmission, the readings of measuring tools can be transmitted to computers or mobile phones.
- Recognized as HID keyboard device, the transmitted data is recognized by computers or mobile phones as keyboard input data and press enter key, such as 12.34 ✓
- No need to install drivers and softwares, data can be transmitted to excel, word, txt etc.



## Instructions for use

- Transmitter Pairing:** When the transmitter is in unpaired state, long press the button until the indicator light flashes green to enter the pairing mode.
  - Search for transmitters:** The computers or mobile phones opens bluetooth and searches for the keyboard device with the name INS\_7214 for pairing, as shown in the figure below.



- Successful pairing:** If pairing is successful within 60 seconds, the green light stops flashing, and then the green light stays on for 3 seconds and then goes out.
- Failure pairing :** No pairing or pairing failure within 60 seconds, the indicator light turns off and the transmitter goes into sleep.

- Data transmission:** Tap the transmitter button to send one data per press to transmit the measurement data to the desired location, which is equivalent to using the keyboard to enter the data and press the Enter key, in EXCEL, for example,

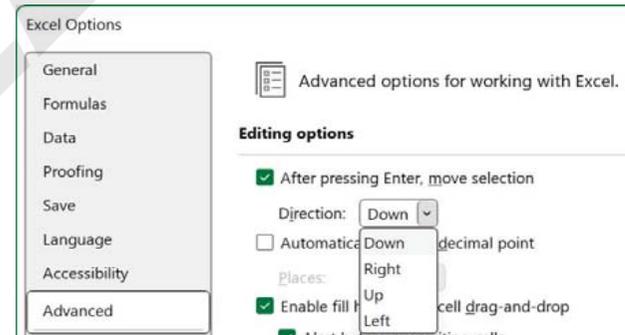
the data will be transmitted to the selected cell +Enter command (jump to the next cell), as shown in the figure below.

	A	B	C	D	E	F
1	13.865					
2	12.497					
3	12.652					
4	11.385					
5	10.819					
6	10.158					
7	9.656					
8	9.603					
9	9.398					
10	9.315					

Successful transmission: Indicator light flashes green once

Failed transmission: Indicator light flashes red once

EXCEL Advanced Options you can set the direction to move the selected content after pressing the Enter key, the default is down (as shown in the figure below).



- Disconnect**

- Turn off transmitter bluetooth:** when there is no need to use the transmitter, you can turn off the transmitter bluetooth connection, long press the button until the indicator red light blinks, 3 seconds later, the light remains on, then off, at this time, the transmitter bluetooth is turned off.

- Turn off bluetooth on the computer or mobile phone:** After turning off bluetooth, the transmitter indicator green light flashes slowly for 60 seconds, Within 60 seconds, the computer or mobile phone re-open the bluetooth, the transmitter automatically reconnected. If you switch on bluetooth again after 60 seconds, it will not reconnect automatically. You need to long press the button, the green

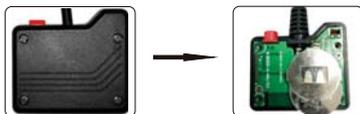
light blinks and then always on for 3 seconds, and then the green light goes out, then the automatic reconnection is successful.

④ Reconnect beyond distance

Beyond the transmitter connection distance, the red light flashes prompt, within 60 seconds back to the effective distance automatically reconnect, more than 60 seconds can not be automatically reconnected, you need to long press the button, the green light blinks and then always on for 3 seconds, followed by the green light off, this time the automatic reconnection is successful.

⑤ Battery installation:

As shown in the figure, remove the four screws from the cover and load the CR2032 battery(3V) with the positive side facing out. After installing the battery, the device automatically enters pairing mode, which lasts for 60 seconds.



⑥ Connection with gauge:

There is a velcro sticker being attached to the battery cover of the transmitter, and another velcro sticker can be attached to the appropriate position of the gauge. Then, the transmitter can be fixed on the gauge with velcro stickers (as shown in the figure below) to avoid inconvenience in the measurement process.



For the fixed position of the transmitter, the following ways are available for reference.

①7214-21:  
digital calipers



②7214-22:  
large digital calipers



③7214-30:  
digital micrometers



④7214-31:  
digital micrometers



⑤7214-50M:  
digital indicators



⑥7214-51:  
digital indicators

