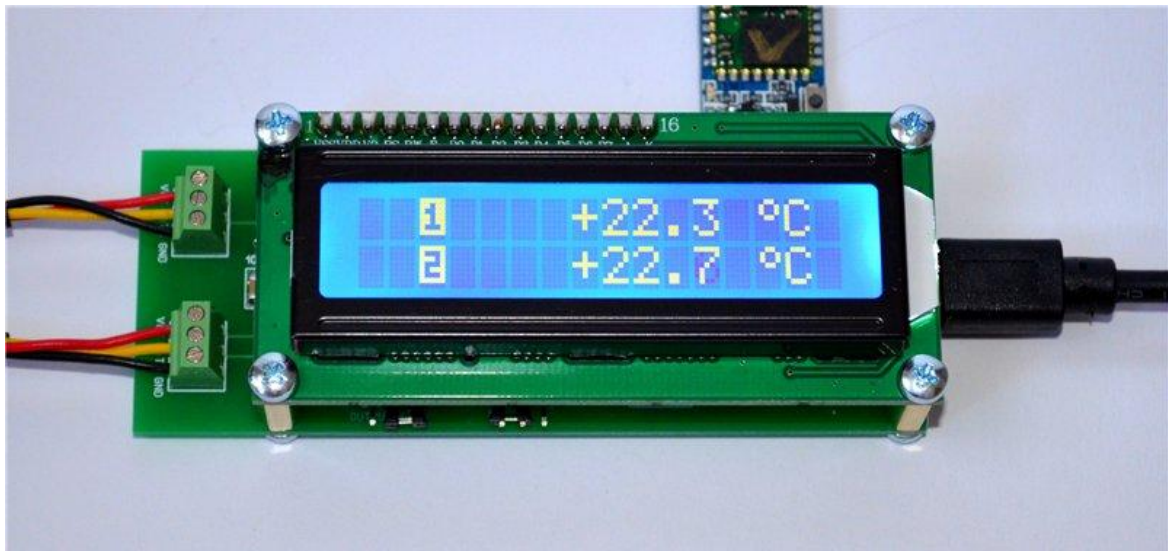


2CH Temperature Data Logger

compatible with Arduino [Bluetooth](#) Module HC-05



About device:

Measuring 95mm x 36mm x 30mm.

Easy connect to Android device via Bluetooth.

Digital temperature sensors based on DS18B20 chip.

USB driver based on FT232RL chip.

Power circuit: usb power supply .

Mini usb cable.

Selectable with jumper: Celsius / Fahrenheit.

Selectable output log format with jumper: text or csv (easy transfer data to Excel).

Compatible with Arduino Bluetooth Module HC-05.

Bluetooth distance range 10m.

Synchronous data transfer via bluetooth and usb cable.

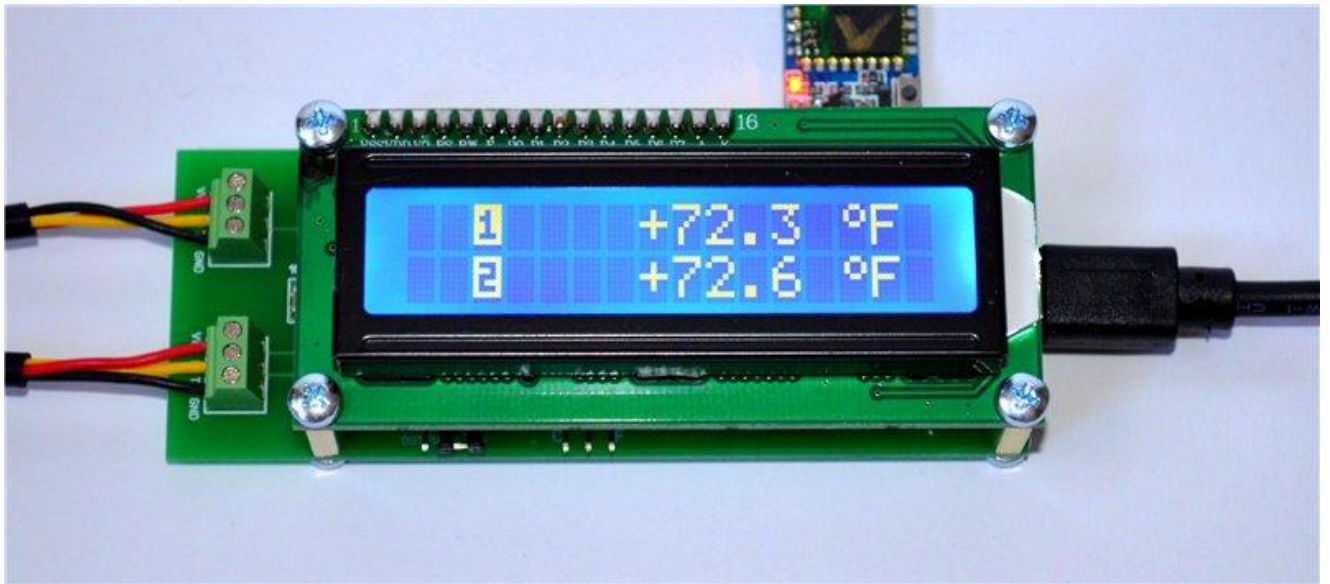
Temperature sensor stainless steel tube size: 6x50mm.

UART settings: 9600kbps, 8 bits data, 1 stop bit, 1 start bit.

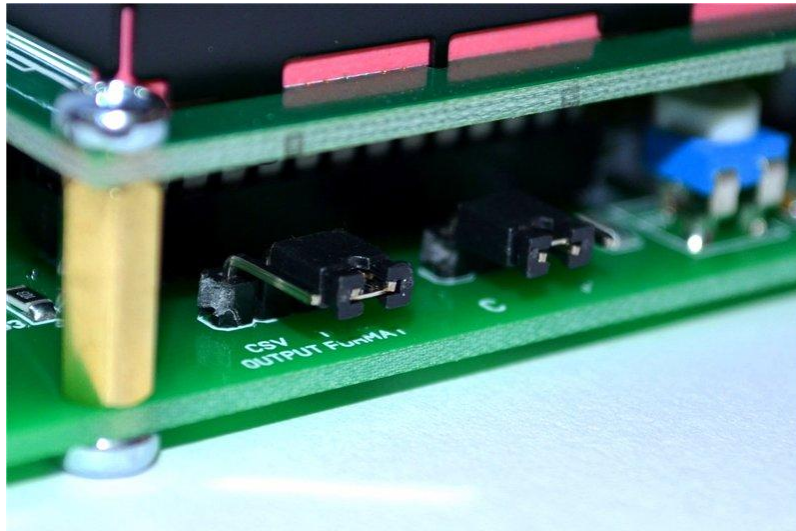
Range: -55 ~ 125°C / -67 ~ 257°F.

Accuracy: ±0.5°C/ (-55 ~ 125°C / -67 ~ 257°F).

Resolution: 0.1°C / 0.1°F.

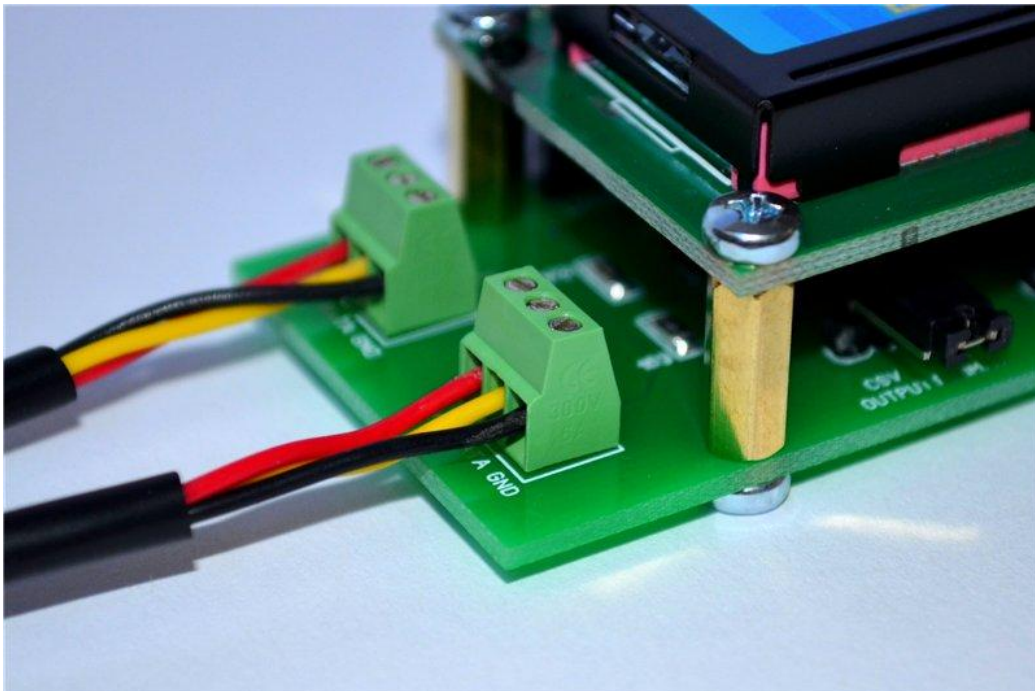


**Jumpers on pcb to select Celsius/Fahrenheit or output format
TEXT/CSV**

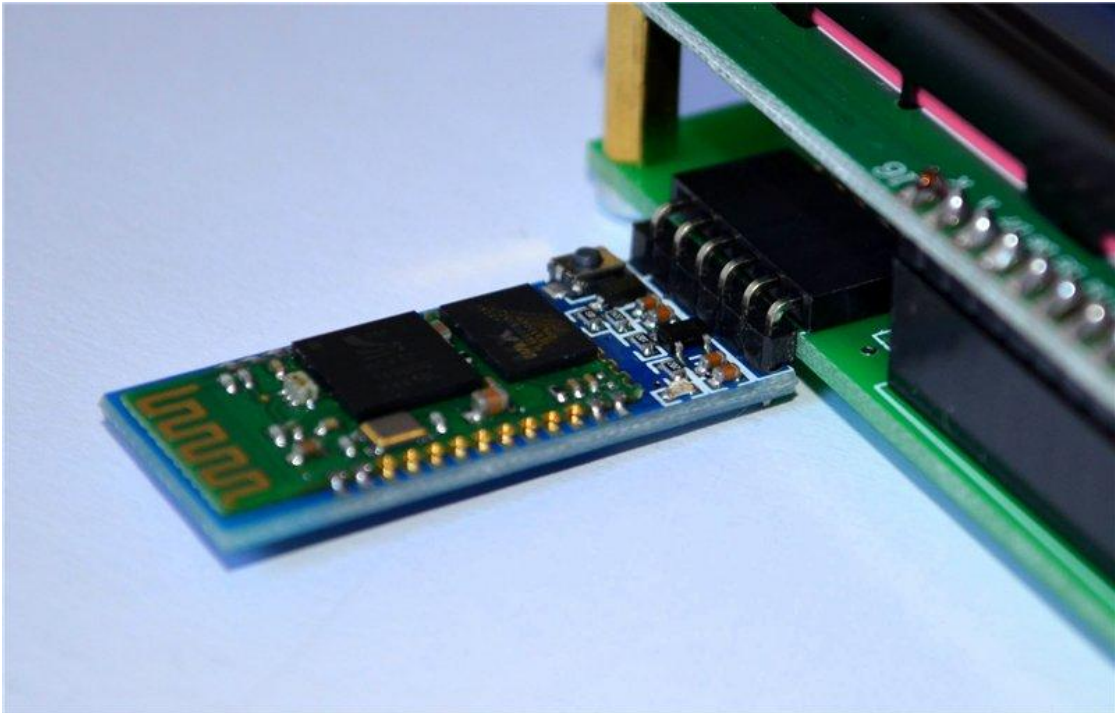


Remember how to connect sensors:

red wire – VCC; black wire – GND; yellow - DATA



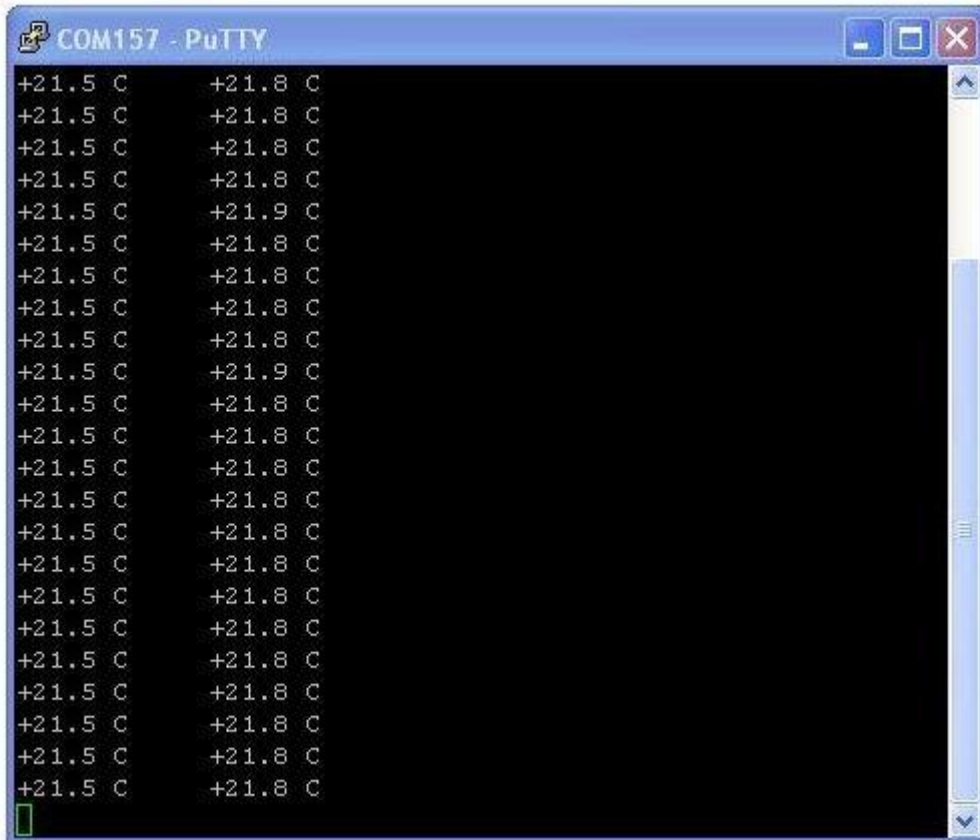
Remember how to connect **Bluetooth** HC-05 Module



Temperature sensors look like this !

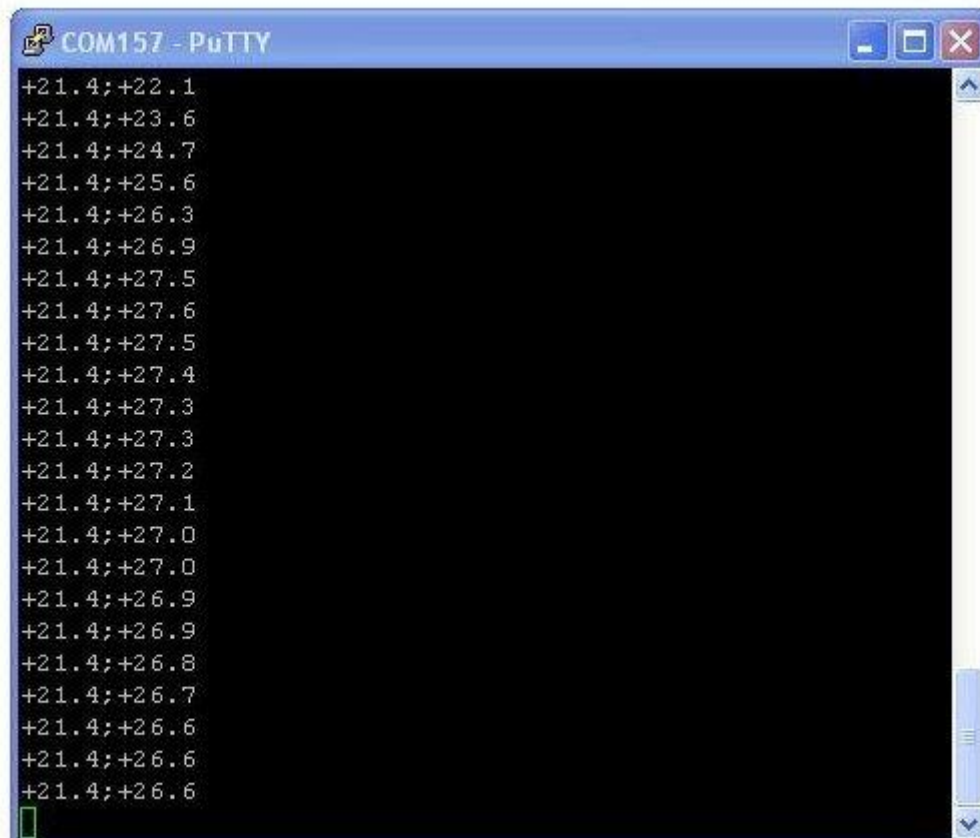


Device connected to PC via usb cable (Putty Manager programm)



A screenshot of a PuTTY terminal window titled "COM157 - PuTTY". The window displays two columns of data on a black background. Each line consists of a numerical value followed by a space and a letter 'C'. The first column contains values ranging from +21.4 to +21.5. The second column contains values ranging from +21.7 to +21.9. A green cursor is visible at the bottom left of the terminal.

```
COM157 - PuTTY
+21.5 C    +21.8 C
+21.5 C    +21.8 C
+21.5 C    +21.8 C
+21.5 C    +21.8 C
+21.5 C    +21.9 C
+21.5 C    +21.8 C
+21.5 C    +21.8 C
+21.5 C    +21.8 C
+21.5 C    +21.8 C
+21.5 C    +21.9 C
+21.5 C    +21.8 C
+21.5 C    +21.8 C
+21.5 C    +21.8 C
+21.5 C    +21.8 C
+21.5 C    +21.8 C
+21.5 C    +21.8 C
+21.5 C    +21.8 C
+21.5 C    +21.8 C
+21.5 C    +21.8 C
+21.5 C    +21.8 C
+21.5 C    +21.8 C
+21.5 C    +21.8 C
+21.5 C    +21.8 C
```



A screenshot of a PuTTY terminal window titled "COM157 - PuTTY". The window displays a single column of data on a black background. Each line consists of two numerical values separated by a semicolon. The values range from +21.4 to +22.1. A green cursor is visible at the bottom left of the terminal.

```
COM157 - PuTTY
+21.4;+22.1
+21.4;+23.6
+21.4;+24.7
+21.4;+25.6
+21.4;+26.3
+21.4;+26.9
+21.4;+27.5
+21.4;+27.6
+21.4;+27.5
+21.4;+27.4
+21.4;+27.3
+21.4;+27.3
+21.4;+27.2
+21.4;+27.1
+21.4;+27.0
+21.4;+27.0
+21.4;+26.9
+21.4;+26.9
+21.4;+26.8
+21.4;+26.7
+21.4;+26.6
+21.4;+26.6
+21.4;+26.6
```

How to connect logger to Android device: <http://1drv.ms/1AXODbQ>

How to install driver on PC: <http://1drv.ms/1AXPbyj>