

Bluetooth Dongle Data Sheet

BT 13012021

SPECIFICATIONS

- > **Type:** Bluetooth Adapter
- > **Material:** Plastic & Metal
- > **Main Color:** Black & Golden
- > **Interface:** USB 2.0
- > **Bluetooth Standards:** Bluetooth 4.0
- > **Transmission Distance:** up to 10m
- > **Frequency Band:** 2.4GHz to 2.4825GHz
- > **Sensitivity:** -86dBm@.01%BER
- > **RF TX Power:** +6dBm (Class)
- > **Transfer Rate:** Up to 3Mbps
- > **Chipset:** CSR8510
- > **Voltage:** 5V (USB Bus-Powered)
- > **Consumption:** 90mA (max) @ 5V
- > **Standby Current (Connected):** 0.4uA
- > **Operating Frequency:** 24MHz
- > **Operating Environment Temperature:**
-20°C to +70°C
- > **Operating Environment Humidity:**
10%-90% Non-Condensing
- > **Dimensions:** 20x13x5mm



Fig. 1. Bluetooth dongle.

GENERAL DESCRIPTION

Bluetooth USB dongle tested and known to work with biosignalsplux products on Windows and Linux operating systems.

IMPORTANT INFORMATION

Windows We recommend the use of this dongle over the use of the default onboard Bluetooth modules of Windows-based computers to guarantee the best signal acquisition experience.

Please refer to the following sources for further information on how to setup the Bluetooth dongle and troubleshooting support.

[\[biosignalsplux Forum\] How to configure & enable the Bluetooth Dongle \(Windows\)](#)

[\[PDF\] Bluetooth Troubleshooting Guide](#)



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