

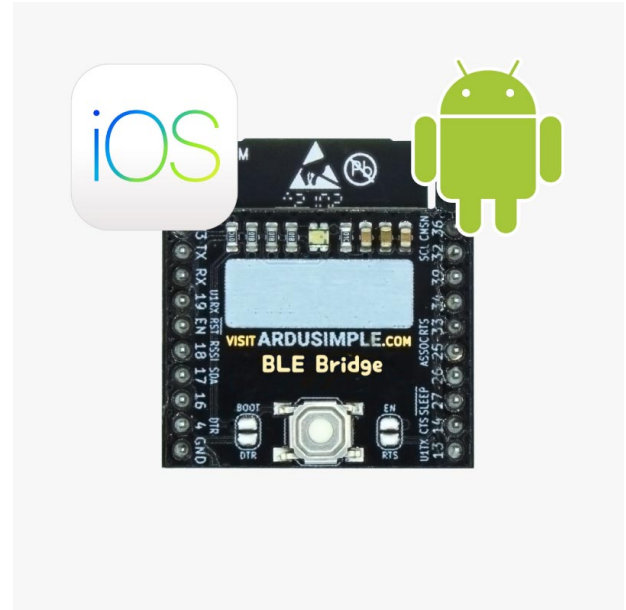
# BT+BLE Bridge

Includes:

- 1 BT+BLE Bridge



More info about the product!



BT+BLE Bridge SKU is: AS-XBEE-BLE-INT-00

Get a discounted bulk price on this product for orders of 50 units or more. Contact us at [info@ardusimple.com](mailto:info@ardusimple.com) to get a quote.

## Description

With ArduSimple BT+BLE Bridge module, you will be able to connect an RTK system with your iOS or Android device via classic Bluetooth (BT) or Bluetooth low energy (BLE) and use it with your preferred app.

The plugin acts like a bridge/tunnel sending any incoming data from your GNSS receiver towards the listening device and sending all incoming data from your BT/BLE device to your GNSS receiver.

It does not contain any other logic and is ideal for Android and iOS developers or any other platform with BT or BLE.

Check this [tutorial](#) to learn how to update its firmware.

Checkout the [BT+BLE Bridge hookup guide](#) to learn everything about this product.

Good to know:

- Configuration is at 115'200bps
- Compatible with simpleRTK3B, simpleRTK2B and simpleRTK2Blite
- Compatible with BLE (Bluetooth Low Energy) and BT 2.0 (Bluetooth Classic)
- It's based on ESP32, so you can also write your own software on it
- It is the same hardware as the [WiFi NTRIP Master](#) so you can also use it for that purpose (by changing the firmware)

## Specifications

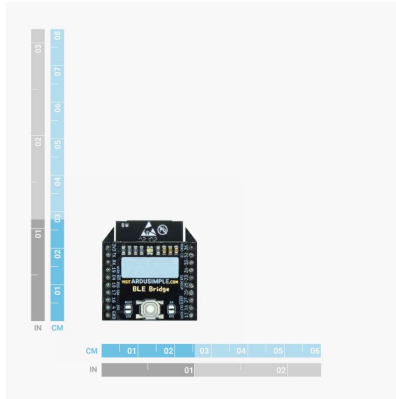
### Interfaces:

- UART
- RS232 ([requires accessory](#))

### Bluetooth hardware features


- Bluetooth V2.0 using SPP (Serial Port Profile)
- Bluetooth V4.2 Low Energy (LE) using GATT (General Attribute Profile)
- Voltage supply (VCC): 3.0 - 3.6V
- UART voltage: same as VCC
- Frequency: 2.4 GHz (2402 - 2480 MHz)
- Max output power: 10dBm

## Image Gallery



## Pinout

**TOP VIEW**



Description	Name	#	#	Name	Description
2.7-3.6V with up to 1A peak	<b>VCC</b>	1	20		
Data out VCC level	TX	2	19		
Data in VCC level	RX	3	18		
		4	17		
Leave open for always ON	RESET	5	16		
		6	15		
		7	14		
		8	13		
Feature disabled	RTS	9	12	CTS	Feature disabled
Must connect to GND	<b>GND</b>	10	11	<b>GND</b>	Must connect to GND

BT+BLE Bridge includes free basic technical support. Contact [info@ardusimple.com](mailto:info@ardusimple.com) for more information.

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