

# Bluetooth Device

Accelerate your bluetooth device development



## Bluetooth connectivity development

Simulate, Analyse and generate bluetooth data.

Today we find Bluetooth embedded into a great variety of consumer products, like headsets, video game controllers, or (even) livestock trackers and medical devices. As we transition from 4G to 5G and achieve much higher data rates through rapidly advancing digital communications, we anticipate to find more devices connected to internet and seamlessly communicate with each other. Bluetooth, Zigbee and WiFi continue to play a big role in future's wireless revolution. Bluetooth connectivity is easy to implement and can help you achieve mass market adoption.

1

### BLE

Blue Tooth low energy capability-LE  
Enhanced/LE long range

2

### GENERATE AND ANALYSE

Fully generate and analyse required signal.

3

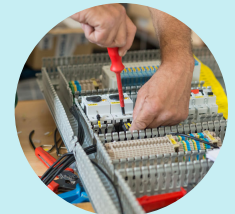
### TEST DEVICE

Test device by simulating real signals and analyse device performance.



### Consultation

We are trusted to bring inventive solutions to complex technical challenges



### System Integration

Our solutions range from hand-held systems to full turnkey solutions.



### Support

Ioteach staff and Thames Community are available if needed. Please visit our website for more information.

## Product data sheet

Deployment as desktop, laptop or industrial control panel installation for all environmental and climatic conditions.

- Generate and Analyse bluetooth data - LE /5.0 LE, 2.x + EDR and so on.
- Simulate bluetooth signals. Introduce desired impairments to replicate good/bad communication conditions and test performance of your device.
- Compliant with Bluetooth standards of Bluetooth Low Energy BLE. For instance, LE packet and LE long range.
- Perform further research on bluetooth signal e.g modulation and spectral analysis, Mean Block RMS measurements, and many other demodulation and signal analysis techniques. Full list is available upon request.

## Order Procedure



You are entitled to receive full design and engineering consultation service using our Consultation Package. Proceed and click Add to Cart to make swift payment online. We would follow up with Requirement Questionnaire that we send to email address registered with us. We review your submitted response and then call you or email back with full design architecture including all components-hardware and software. We would also submit estimated quotation for Bluetooth Device Development Package to meet your objectives. We are available via email and phone so please do not hesitate to contact us should assistance is required with your order. We look forward to working with you.

### FURTHER INFORMATION

Website: <https://www.ioteach.co.uk>

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