



BLUETOOTH LOW ENERGY ADAPTER



The BleuIO is Bluetooth® low energy solution that can be used to create new BLE 5.0 applications in the fastest and easiest way. Just use the AT Commands available on the the device.

The BleuIO is a fully integrated solution, providing MCU and Bluetooth® radio in one chip, based on Dialog Semiconductor latest Bluetooth chip DA14683. The FLASH based device permits field or boot upgradable, while application is stored on FLASH memory. Custom settings can also be stored on FLASH memory or OTP for higher integrity. This device supports Windows 10, Linux and macOS. RoHS, KC, CE declaration and FCC certification ready.

Product Features



Software and Tools

Comes with an integrated Ready to Use software that enable the user to easily create new BLE applications with simple AT-Commands scripts.



Bootloader

You can update the firmware or flash your own applications with the integrated bootloader of the dongle.



Security Applications

Including Cryptographic engine with an Elliptic Curve Controller (ECC), AES-256, SHA-1, SHA-256, SHA-512 and True Random Number Generator.



Certifications

RoHS, KC, CE Marking, Complies with Radio Equipment Directive 2014/53/EU and US FCC certifications.



Platform Idependant

The device is compatible with all the platforms: Windows 10, macOS, Linux.



Latest Technology

supports Bluetooth® v5.0 Low Energy and based on Dialog Semiconductor latest Bluetooth® chip DA14683



Quick, Innovative, Simple



Color : ☒ ☐

CE FC RoHS

Part No.	UPC	EAN	Length	Width	Depth
SSD005/4-V2W	UPC-748367757501	EAN-0748367757501	19.2mm	16.3mm	6.2mm
SSD005/4-V2B	UPC-748367757518	EAN-0748367757518	19.2mm	16.3mm	6.2mm

Programmable Bluetooth Central or
Peripheral USB Dongle

This device supports
Windows 10, Linux and macOS.

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Version 1.3