

Product summary

s-center



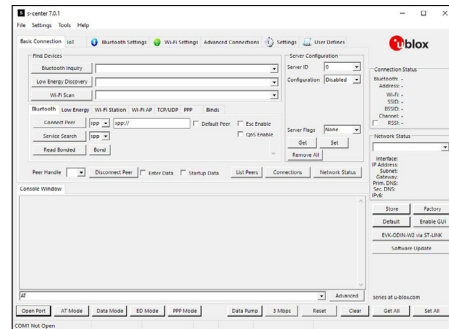
Wi-Fi and Bluetooth module evaluation software

Highlights

- Interact with modules with zero programming
- Supports stand-alone Wi-Fi and Bluetooth modules with u-connectXpress application software
- Support for IoT protocols
- Angle of arrival support
- Free to download from u-blox website

Product description

The s-center software is a powerful and easy-to-use tool for evaluating, configuring, and testing u-blox short range modules. It supports u-connectXpress and u-connectLocate application software. s-center allows access to the module functionality through a graphical user interface – no programming is required.



s-center includes

- Angle of arrival support
- Bluetooth classic and Bluetooth Low Energy features
- Wi-Fi Station and Access Point
- TCP client and server interfaces
- Secure IoT cloud connections via MQTT and HTTP protocols
- Angle of Arrival (AoA) direction finding with u-connectLocate (link to: <https://www.u-blox.com/en/product/u-connectlocate>)
- Wi-Fi/Bluetooth/Ethernet connection bridging
- Module software updates
- Performance measurement tools
- AT-command terminal with user defined commands

Configuration and control options

s-center provides a convenient means to configure the u-blox short range modules, to save the configuration in the flash memory of the module, and to restore factory settings if needed. Toolbar buttons are available to control settings. Each command that is executed by s-center is an AT command that is described in the Short Range Modules AT Command Manual.

Visualization

The very simple graphical user interface allows the user to configure Wi-Fi, Bluetooth classic, and Bluetooth low energy modules. The embedded AT command terminal shows all the AT commands used, making it easy to simulate the intended command flow from a host without having to write a single line of code.

Users can store and load configurations to disk for offline analysis and backup.

Data analysis

s-center has built in tools for throughput measurements and data validation using COM ports as well as TCP server and client. It can also be used to send packets with different sizes and intervals to emulate a specific use case.

Operating systems

s-center supports PCs running Windows 10 or later.

Ordering information

s-center is available free of charge and can be downloaded from our website.

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Further information

For contact information, see www.u-blox.com/contact-us.

For more product details and ordering information, see the product data sheet.