m2m®
your wireless competence

Blue-1000-HCI - Bluetooth USB Stick Version 2

Perfect cable replacement - Bluetooth USB stick with up to 750 m range. The drive is suitable for industrial use, easy to integrate and allows the interconnection of several Bluetooth devices.

Also available as an OEM / ODM product.

SPECIFICATION

Communication	Blutooth 2.1 + EDR (Class1) Bluetooth distance up to 750m (LoS) Combine Bluetooth HF-Transmitter, Bluetooth Stack, Profile and application processor Easy Configuration via iWRAP
Technical data/ Interfaces	Bluetooth classic - BR/EDR USB-2.0-Slave CSR-Bluesuite-over-BCSP (Programming and configuration) Integrated high-performance antenna Industrial Temp Range: -40°C to +85C° USB voltage range (4.75-5,25V) Approvals: CE, FCC,IC
Dimensions	Standard USB housing: 68x25x13 mm (LxWxH)

The Blue-1000 is based on the Bluetooth 2.1 specification - and has a reach of up to 750m. This makes it ideally suited as a cable replacement.

The Blue-1000 has got its own, built-in Bluetooth stack, that makes the use of other Bluetooth drivers and stacks unnecessary. Users are no longer dependent on a Bluetooth stack of the operating system, but they can directly communicate and simultaneously via a virtual serial COM port with multiple Bluetooth devices.
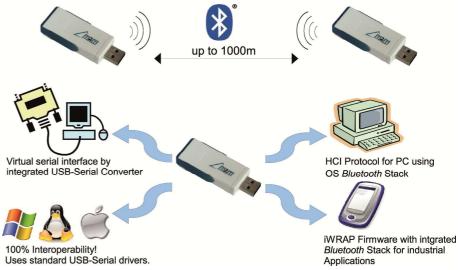
Even notebooks whitout a serial port will get one by using the Blue-1000. Via the USB Stick a defined interface for Bluetooth application is ready to use.
The Blue-1000 supports USB 2.0 Slave Mode.

With +17 dBm transmit power and sensitivity -94 dBm guaranteed the Blue-1000 a first-class RF performance, with minimum power consumption and maximum range.
The rugged Blue-1000 operates within the industrial Temperature range from -40 ° C to + 85 ° C and is long term available.

up to 1000m

Virtual serial interface by integrated USB-Serial Converter

HCI Protocol for PC using OS *Bluetooth* Stack

100% Interoperability! Uses standard USB-Serial drivers.

iWRAP Firmware with intgrated *Bluetooth* Stack for industrial Applications

*Technische Änderungen in der Ausführung vorbehalten