

## Blue-1000 - Bluetooth USB Stick



**Perfect cable replacement - Bluetooth USB stick with up to 1000 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

<b>Communication</b>	Bluetooth 2.1 + EDR (Klasse1) Bluetooth distance up to 650m (LoS) Combine Bluetooth HF-Transmitter, Bluetooth Stack, Profile and application processor Easy Configuration via iWRAP
<b>Technical data/ Interfaces</b>	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 + 85 ° C USB voltage range (4.75 ... ..5,25V) Approvals: CE, FCC, IC
<b>Dimensions</b>	standard USB housing: 68 x 25 x 13 mm (L x W x H)

The Blue-1000 is based on the Bluetooth 2.1 specification - and has a reach of up to 1000m. 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 without 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.

