Blue-1000 - Bluetooth USB Stick

**SPECIFICATION**

**Communication**
- 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

**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 +85 °C
- USB voltage range (4.75 ... 5.25V)
- Approvals: CE, FCC, IC

**Dimensions**
- standard USB housing: 68 x 25 x 13 mm (L x W x H)

**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.

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.