



## **KC111 Bluetooth Serial Adapter** *Datasheet*

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### **Features**

- ▶ **High-performance connections up to 200m**
- ▶ **High-security 128-bit encryption**
- ▶ **High-speed data rates up to 921K baud**
- ▶ **Point-to-point & multi-point connections**
- ▶ **Automatic, self-connecting paired adapters**
- ▶ **Battery & AC power supply options**
- ▶ **Supports SPP - Bluetooth Serial Port Profile**
- ▶ **Supports advanced serial port configurations**
- ▶ **KC Wirefree KC11 Bluetooth OEM Module**
- ▶ **Class 1 radio**

### **Specifications**

- Bluetooth: Version 1.2
- Frequency: 2.4 GHz
- Bandwidth: 1 MHz, 79 Channels
- Frequency Hopping: 1600 hops/sec
- Typical RF Power: +18dB
- Operating Temperature: -20° to +85° C
- Input Voltage: 4 to 10 VDC
- Dimensions: 32mm width, 86mm length
- Power Consumption: typical 50 mA, max 200 mA
- Chipset: Zeevo ZV4002

***Providing instant, secure wirefree RS-232 serial connections using Bluetooth® wireless technology.***

***The KC111 is a complete serial cable replacement solution. No software or computer required.***



**KC111  
Bluetooth Serial Adapter**

Our KC111 Bluetooth Serial Adapters are a complete wireless solution. Benefits for industrial and office equipment include immediate installation that eliminates the need to dig or route wired serial cables, and allows mobile, portable, or remote communications and control. KC Wirefree Serial Adapters are one of the most versatile solutions for serial data transmissions and control. The 128-bit encryption provides complete security for your wireless data.

Our completely integrated design of an embedded Bluetooth Serial Port Protocol (SPP) allows our serial adapters to work with industrial and other non-computer equipment, which eliminates the need to install any software or device drivers.