WCS-232 V4.0

RS232 to Wireless Converter

WCS-232 converts RS232 signal to wireless Bluetooth signal. If both ends of communication use WCS-232, wireless 1:1 data communication is available. Portability is maximized so that it can be applied PC, laptop, PDA, etc. It is fully compatible with the serial COM port of PC, and the product needs to be used in pairs.

Features

Beyond the Limits of Wired Communication

RS232 signal is converted to wireless Bluetooth signal. There is no need for extra communication cabling, and simple communication environment can be conveniently established.

Bluetooth Operation

With Bluetooth, an efficient solution in wireless communication between devices, you can experience stable, noise-free, and reliable communication.

Applicable to Portable Devices

The lightness of 33g and the size even smaller than the business card make WCS-232 easy to attach to portable devices. Now any portable device can be upgraded into portable communication device, resulting in a handy feature enhancement.

Enhanced transmit distance

WCS-232 is a Class1 type of Bluetooth Serial Adapter that supports 100meters of wireless transmit distance by default. The WCS-232 has an extension option so that users can extend the transmit distance up to 1000 meters using optional antennas.

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WCS-232 Specifications

Communication

Mode	Point to Point
Speed	Max 115.2Kbps
Distance	Max 100m, patch antenna: up to 1,000m
RF Specification	Bluetooth Specification Version 2.0 +EDR
Bandwidth	2.402-2.483GHz (ISM Band)
RF Type	Hopping Frequency
Channels	79
Modulation	GFSK
Connector	1 RS232 port (DB-9 Female)
Flow Control	RTS/CTS, DTR/DSR/DCD

Hardware

Dimension	75(W) * 37(D)* 19(H)mm
Weight	33g
LED	Tx, Rx, Link
Power	5-12V DC power supply PC USB port through USB cable or DB9 pin connector
Antenna Type	Stub: 1dBi Dipole: 3dBi or 5dBi(optional) Patch: 9dBi(optional)
Current	Max 80mA (5V DC)
Temperature	-20 ~ 70˚C

Note

Additional	USB power cable Power adapter
Documentation	User Manual

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Specifications are subject to change without notice

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