

WCS-232 V6.0

Bluetooth to RS232 Converter



WCS-232 is a converter that converts and transmits RS232 signals to Bluetooth signals. WCS-232 is a high-performance multi-function wireless converter that can be used for remote control, monitoring, and data communication of devices by using two WCS-232 units as a pair or by connecting them with other Bluetooth devices that support SPP.

Overview

Support Bluetooth Class 1

Support for Bluetooth Class 1 enables wireless communication environments up to 100 meters.

Support EDR(Enhanced Data Rate)

The Bluetooth EDR feature supports data communication speeds up to 3Mbps.

Easy to Use and Setup

The product can be set up and used only with AT command input, setup utilities and product switch.

WCS-232 V6.0 Specification Sheet

Bluetooth	Standards	Bluetooth 2.0 + EDR, Class 1
	Frequency Range	2.402 ~ 2.480 GHz
	Transmit Output Power	+18 dBm
	Receive Sensitivity	-88 dBm
	Antenna Gain	Default Stub Antenna: 1 dBi
	Working Distance (In Open Field)	100m
	Bluetooth Profile	SPP(Serial Port Protocol)
Serial	Interface	RS232, DB9
	Maximum Speed	921.6 kbps
	Signal Lines	TXD, RXD, RTS, CTS, DTR, DSR
	Data bit	8
	Stop bit	1, 2
	Parity bit	None, Even, Odd
	Flow Control	RTS/CTS
Software	Management Tool	WCSConfig
	Supported OS	WCSConfig for Windows 7/ 8.1/10 Windows Server 2008/2012/2016
	Power Requirement	DC 5~12V Power consumption: 80mA@5VD Max
Hardware & Environment	LED	Mode, Connect, Serial Rx/Tx
	Size	76(W) x 31(L) x 16(H) mm
	Weight	24g
	Operating Temperature	-40 ~ 85°C
	Storage Temperature	-40 ~ 85°C
	Humidity	5~90% Non-condensing
	Certification	CE, KC, FCC, Japan MIC
Ordering information		WCS-232 V6.0

SystemBase Co., Ltd.

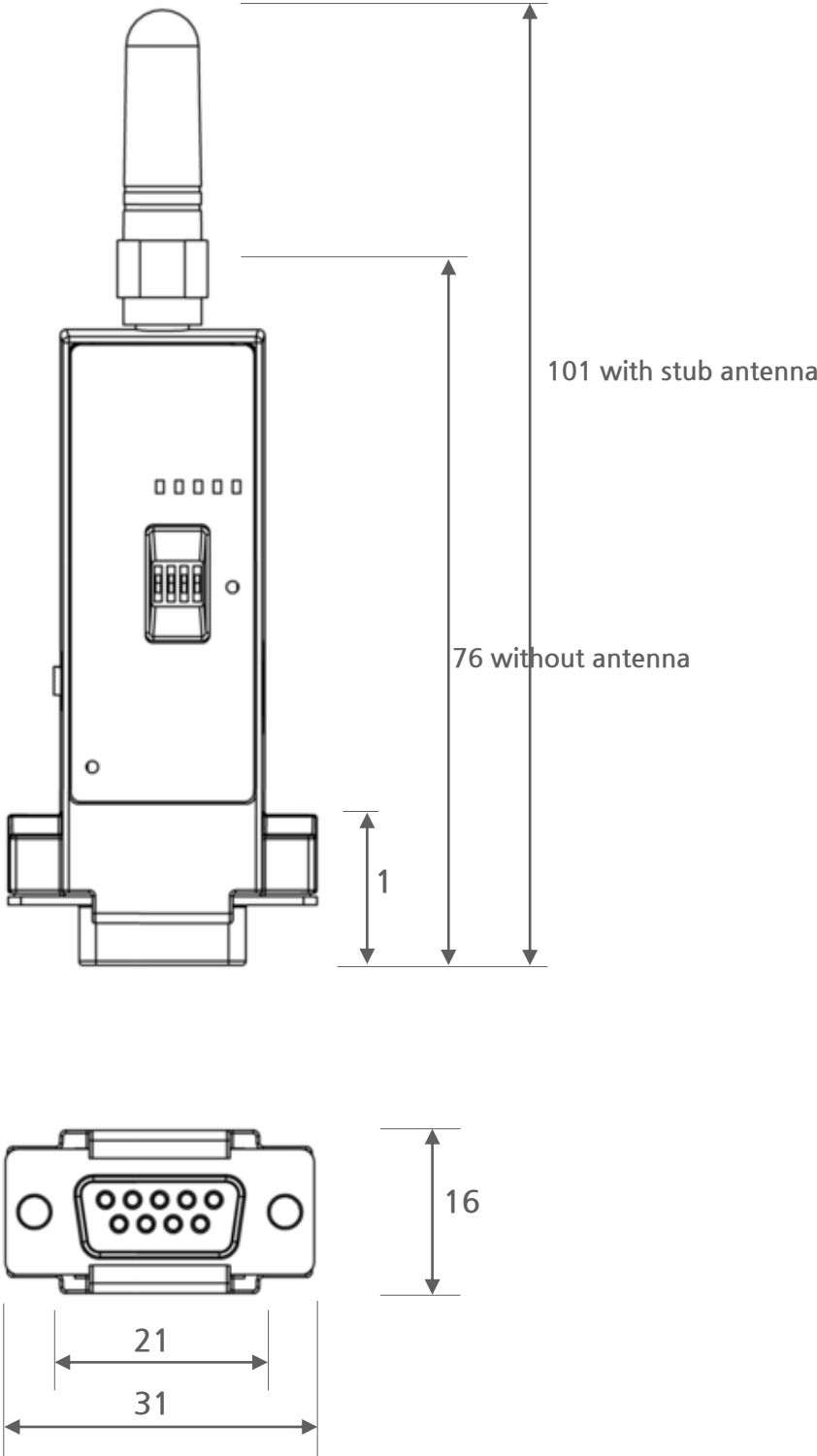
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Specifications are subject to change without notice



Dimension



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