

WCS-232 V6.0



Key Features

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.

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Specifications are subject to change without notice.

Overview

WCS-232 V6.0 (hereafter WCS-232) is a wireless serial terminal device with Bluetooth 2.0+EDR, an NFC(Near-Field Communication) technology. You can connect it with other Bluetooth devices that support serial port profiles. WCS-232 provides a communication distance of 100 meters when using antenna. It is a compact design that can be applied to various equipment and environments. With FHSS(Frequency Hopping Spread Spectrum) applied, it reduces over-air hijacking and provides Bluetooth standard encryption.

It can be set up with AT commands through programs such as HyperTerminal. User-friendly software, WCSCfg can also be used for easy setup in Windows environment. It can also be set through its own pairing button and dip switch.

Specification

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	WCSCfg
	Supported OS	WCSCfg for Windows 7/ 8.1/10 Windows Server 2008/2012/2016

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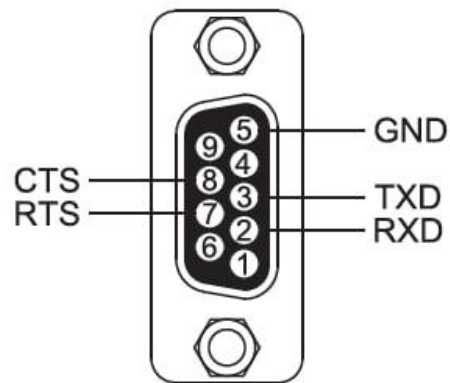
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	Power Requirement	DC 5~12V Power consumption: 80mA@5VD Max
Hardware	LED	Mode, Connect, Serial Rx/Tx
	Size	76(W) x 31(L) x 16(H) mm
	Weight	24g
	Operating Temperature	-40 ~ 85°C
	Humidity	5~90% Non-condensing
	Certification	CE, KC, FCC, Japan MIC
Ordering information		WCS-232 V6.0

Pin Specification

RS232 DB9 Female



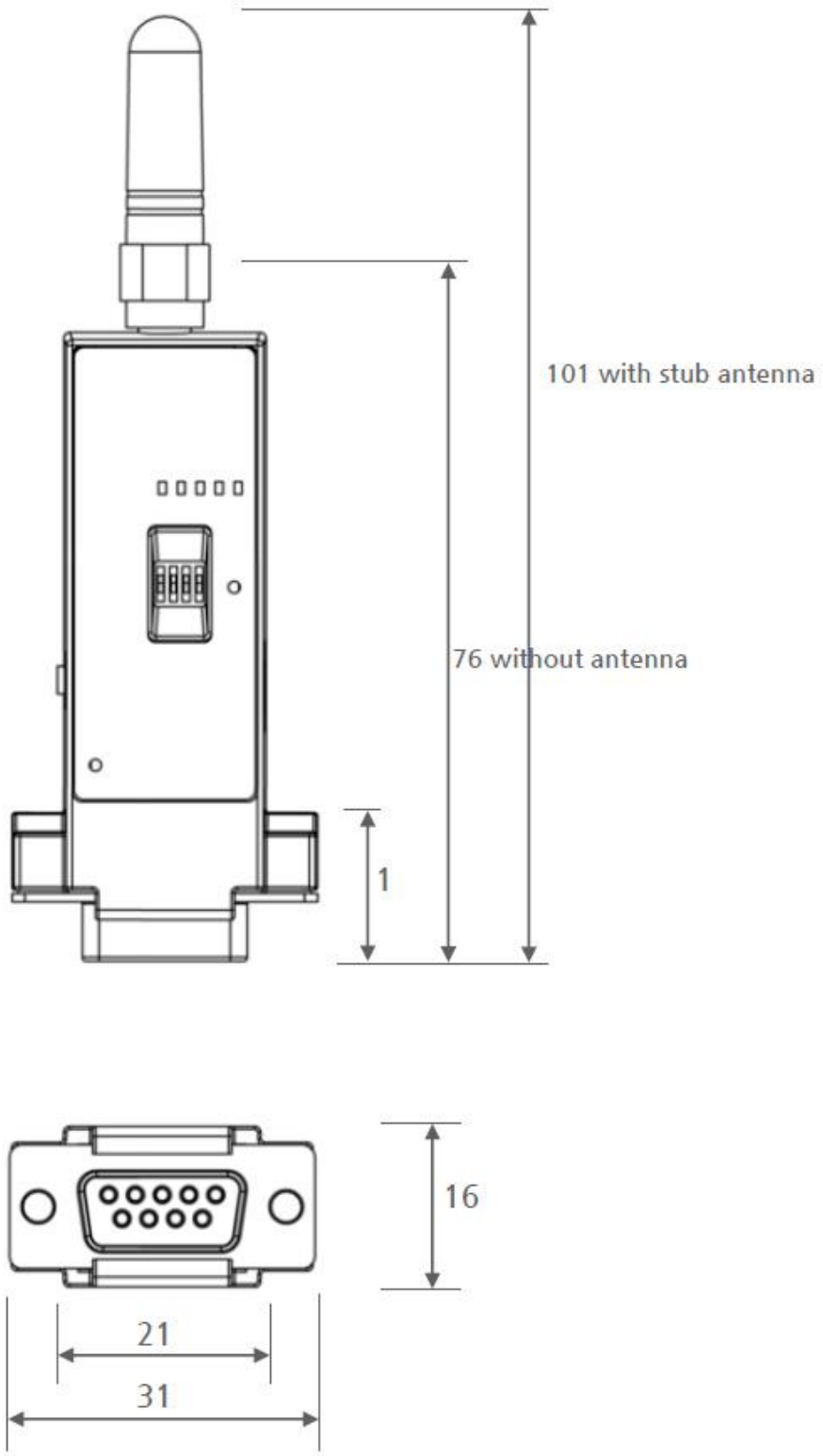
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Dimension



Unit: mm

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