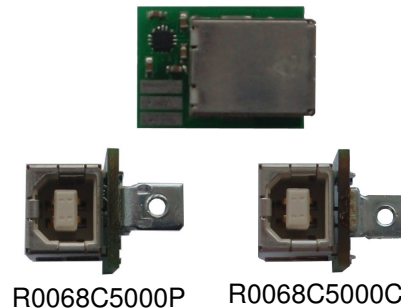


DEVICE FUNCTIONS

R0068C5000C and R0068C5000P

Features

- RS232 - USB conversion.
- COM port device drivers.
- Remote access over network and Internet.
- Support multiple devices on the same computer.
- Support two users at the same time.
- Network connection tools (option).
- Virtual private network (VPN) connection tools (option).
- ESD surge protection: $\pm 8\text{kV}$ contact discharge, $\pm 15\text{kV}$ air gap discharge.
- LC filters on RS232 RxD and TxD lines.
- USB bus powered, 17.5mA.
- Mounting bracket installed.



Specifications

USB	USB specification 2.0 compliant USB type B receptacle connector USB full speed 12Mbps transmission
RS232	Signals: RxD, TxD, GND Receiver RxD input voltage range: -25v to +25v Transmitter TxD output voltage swing: -5.7v to +5.7v Connector: 3 solder pads 5.6mmx1.8mm Baud rate: 1200bps to 115200bps Parity: Even, Odd, None, Mark, Space Data length: 5-bit, 6-bit, 7-bit, 8-bit Stop bits: 1-bit, 2-bit
Grounding	USB connector is floating. Grounding pads are provided.
Power	USB bus powered, 17.5mA
Software	32-bit and 64-bit COM port device drivers and the adapter manager for Microsoft Windows 8, Windows 7, Windows Vista, Windows XP
Mounting	R0068C5000C chassis mount. 4x40 thread R0068C5000P panel mount. 4x40 thread

Part Number

R0068CS5000C-B, R0068CS5000P-B	RS232 programmable, support all settings.
R0068CS5000C-P, R0068CS5000P-P	RS232 programmable, support all settings. Network connection tools Virtual private network (VPN) connection tools
R0068CS5000C-B-96, R0068CS5000P-B-96	RS232 setting: 9600bps, 8-bit, No parity, 1-bit stop.
R0068CS5000C-P-96, R0068CS5000P-P-96	RS232 setting: 9600bps, 8-bit, No parity, 1-bit stop. Network connection tools Virtual private network (VPN) connection tools
R0068CS5000C-B-11, R0068CS5000P-B-11	RS232 setting: 115200bps, 8-bit, No parity, 1-bit stop.
R0068CS5000C-P-11, R0068CS5000P-P-11	RS232 setting: 115200bps, 8-bit, No parity, 1-bit stop. Network connection tools Virtual private network (VPN) connection tools

Operating temperature range: -40°C TO +85°C

DEVICE FUNCTIONS

Software Installation

The software package is supplied in a compressed folder file named *r0068_drivers* or a CD. Here are the installation steps.

1. If you have file *r0068_drivers*, rename *r0068_drivers* to *r0068_drivers.zip*, extract all files to a file folder on your local disk or USB drive, double click *setup.exe* to start software installation.
2. If you have the software CD, insert the software CD into your computer's disc drive, the software installation will start automatically.
3. Follow the on-screen instructions until the setup wizard finishes.
4. Connect USB module to the computer's USB port with an USB cable.
5. Follow the on-screen instructions if any to complete the software installation.

Software Usage

Refer to *R0068 USB-RS232 Adapters* datasheet *r0068.pdf*.

RS232 Connector Definition

Refer to USB modules CS5000C and CS5000P datasheet *cs5000.pdf*.

C5000P Drawings (mm, tolerance ± 0.3 unless otherwise specified)

Refer to USB module CS5000P datasheet *cs5000.pdf*.

C5000C Drawings (mm, tolerance ± 0.3 unless otherwise specified)

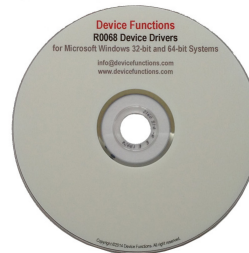
Refer to USB module CS5000C datasheet *cs5000.pdf*.

Accessory

SWD002

R0068 device driver CD

The COM port device drivers and the adapter manager supports 32-bit (x86) and 64-bit (x64) Microsoft Windows 8, Windows 7, Windows Vista, Windows XP.



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