

DEVICE FUNCTIONS

R0068CS50081



R0068CS50082



Features

- R0068CS50081 IP67 sealed, R0068CS50082 IP68 sealed
- Plastic shell
- Thread coupling mechanism for secure USB cable connection
- 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
- Panel mounting

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: 30cm cable with an open end of 3 wires 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. USB shield is extended with a green wire.
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	Panel mount with panel gasket included
Coupling	Thread coupling mechanism
Part Number	R0068CS50081-B, R0068CS50082-B R0068CS50081-P, R0068CS50082-P

RS232 programmable, support all settings.
RS232 programmable, support all settings.
Network connection tools
Virtual private network (VPN) connection tools

DEVICE FUNCTIONS

R0068CS50081-B-96, R0068CS50082-B-96	RS232 setting: 9600bps, 8-bit, No parity, 1-bit stop.
R0068CS50081-P-96, R0068CS50082-P-96	RS232 setting: 9600bps, 8-bit, No parity, 1-bit stop. Network connection tools Virtual private network (VPN) connection tools
R0068CS50081-B-11, R0068CS50082-B-11	RS232 setting: 115200bps, 8-bit, No parity, 1-bit stop.
R0068CS50081-P-11, R0068CS50082-P-11	RS232 setting: 115200bps, 8-bit, No parity, 1-bit stop. Network connection tools Virtual private network (VPN) connection tools

Operating temperature: R0068CS50081 -20°C TO 80°C R0068CS50082 0°C TO 70°C

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 CS50081 and CS50082 datasheet *cs5008.pdf*.

Drawings (mm)

Refer to USB modules CS50081 and CS50082 datasheet *cs5008.pdf*.

Accessories

Refer to USB modules CS50081 and CS50082 datasheet *cs5008.pdf*.

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.

