

ZD-Shifter SU12

All-In-One Level Shifter
for Automotive Signal Conversion



ZD-Shifter SU12

The ZD-Shifter SU12 is an all-in-one shifter, which includes 12 RS232 ports. It is designed to convert UART TTL signals to RS232 and USB Port to UART TTL Signals/RS232 both bidirectionally. Just with one input and output connector on ZD-Shifter SU12, users can convert signals of main unit of cars or test benches from one side and a datalogger on the other side.



Features

- Supports TTL, RS232 and USB Type-C*
- Supports USB 2.0 high speed
- On board LED indicators for Power, Input/Output
- Supports USB VBUS 5V and VBAT 12V
- Auto Shutdown & wakeup via UART signal
- Supporting software compatible with MS Windows/Linux
- Compact and modular design

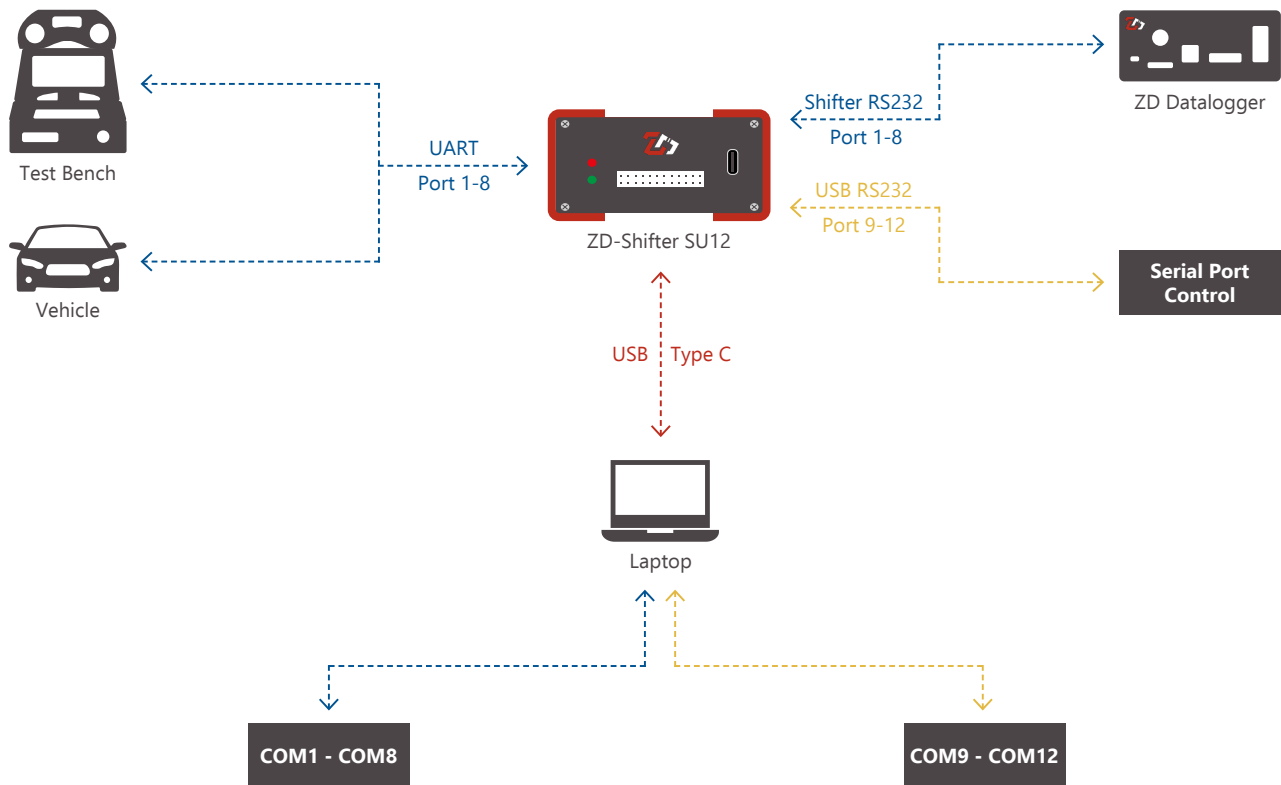
* USB Type-C cable, TTL Serial cable and RS232 Serial cable included

As an efficient and convenient shifter, ZD-Shifter SU12 has multiple application scenarios. It can not only support the bidirectional signal transmission between 8 x TTL and 8 x RS232 Serial ports, but can also convert signals from 8 x TTL and 4 x RS232 to USB Ports in both direction. Depend on different test requirements, all these scenarios can take place simultaneously or separately.

Product Specifications

8 x UART	Power Consumption: 0.5W
12 x RS232	Standby Current: 0.1 mA
1 x USB-C 2.0	Temperature Range: -40 °C ~ +85 °C

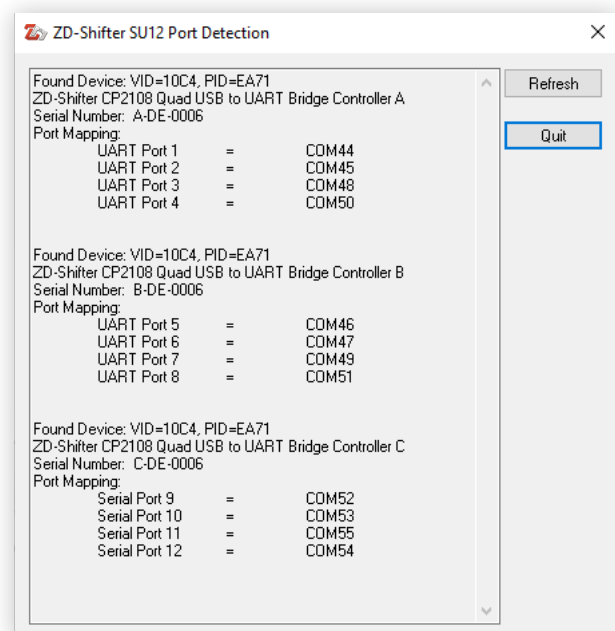
Application Scenarios



ZD-Shifter Toolset Software

The ZD-Shifter toolset software illustrates mapping relationship of all virtual COM ports in Windows to ZD-Shifter TTL and RS232 ports. Connecting the PC with one equipped USB cable, which supports all 12 RS232 ports, users can test and manage all 12 ports in an overview within the software conveniently.

Moreover, the onboard LEDs of ZD-Shifter SU12 indicates serial data activities of the equipment, which guarantees a high efficiency for the signal conversion and test processes.



Contact

ZD Automotive GmbH
Junkers-Ring 15
85098 Großmehring

Tel.:

+49 841 43 98 799

E-Mail:

info@zd-automotive.de

Web:

www.zd-automotive.de