

□ Product System (PS)

Subject: **SCB-C08 User Manual**

Doc No.: 99.12062007.Eng

Rev.: 1

SCB-C08



Specifications

USB Interface	Compliant with USB V1.0 and V2.0
RS-232 signal	5 full-duplex (TXD, RXD, CTS, RTS, GND).
RS-485 signal:	2 half-duplex wires (D+, D-).
Cable Type	USB type A to type B.
Transmission distance	RS485 Up to 4000ft (1200M).
Signal LED	Power on, TX, RX.
Direct power from USB port	Support
Power consumption:	1.2W
Dimension	151 x 75 x 26 mm

SCB-C08 Introduction

SCB-C08 is an independent control device for managing signals from RS-232 and RS-485.

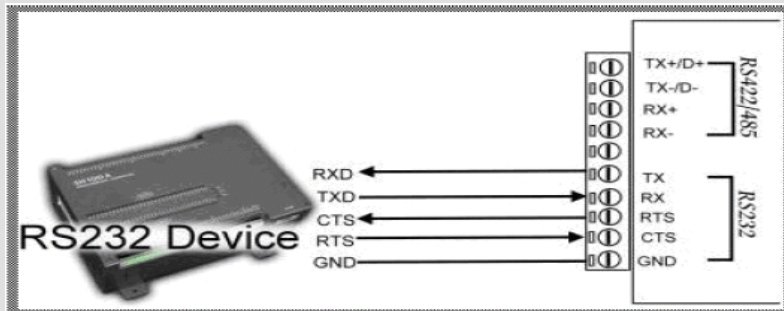
Devices such as I/O relay device or speed dome can be easily control by SCB-C08.

1. Power Connection (USB Internal Bus)

Direct power input from USB bus port, current 100mA/+5V, no external power necessary

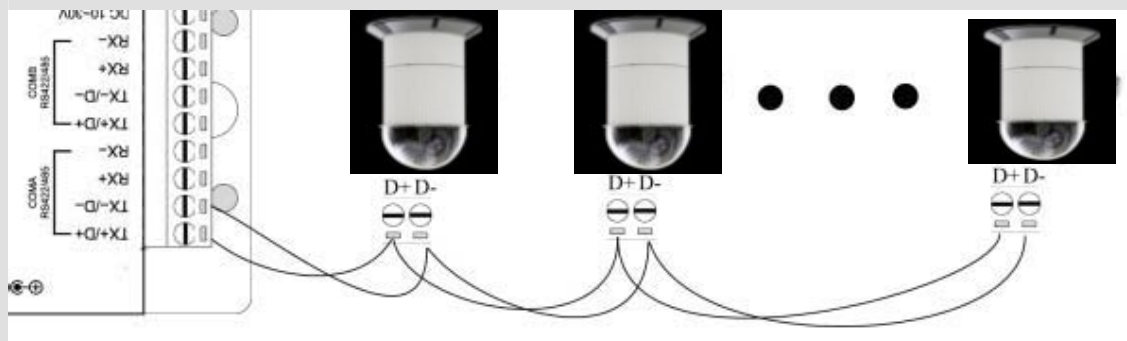
2. RS-232 wiring connection

The RS-232 supports 5 channels plus Signal Ground and is configured as DTE like a computer. Signals are single ended and referred to Ground. To use handshaking or flow control user must set Host PC's RTS/CTS during configuration. Refer to the pin assignment for connection as below.



3. RS-485 Wiring connection

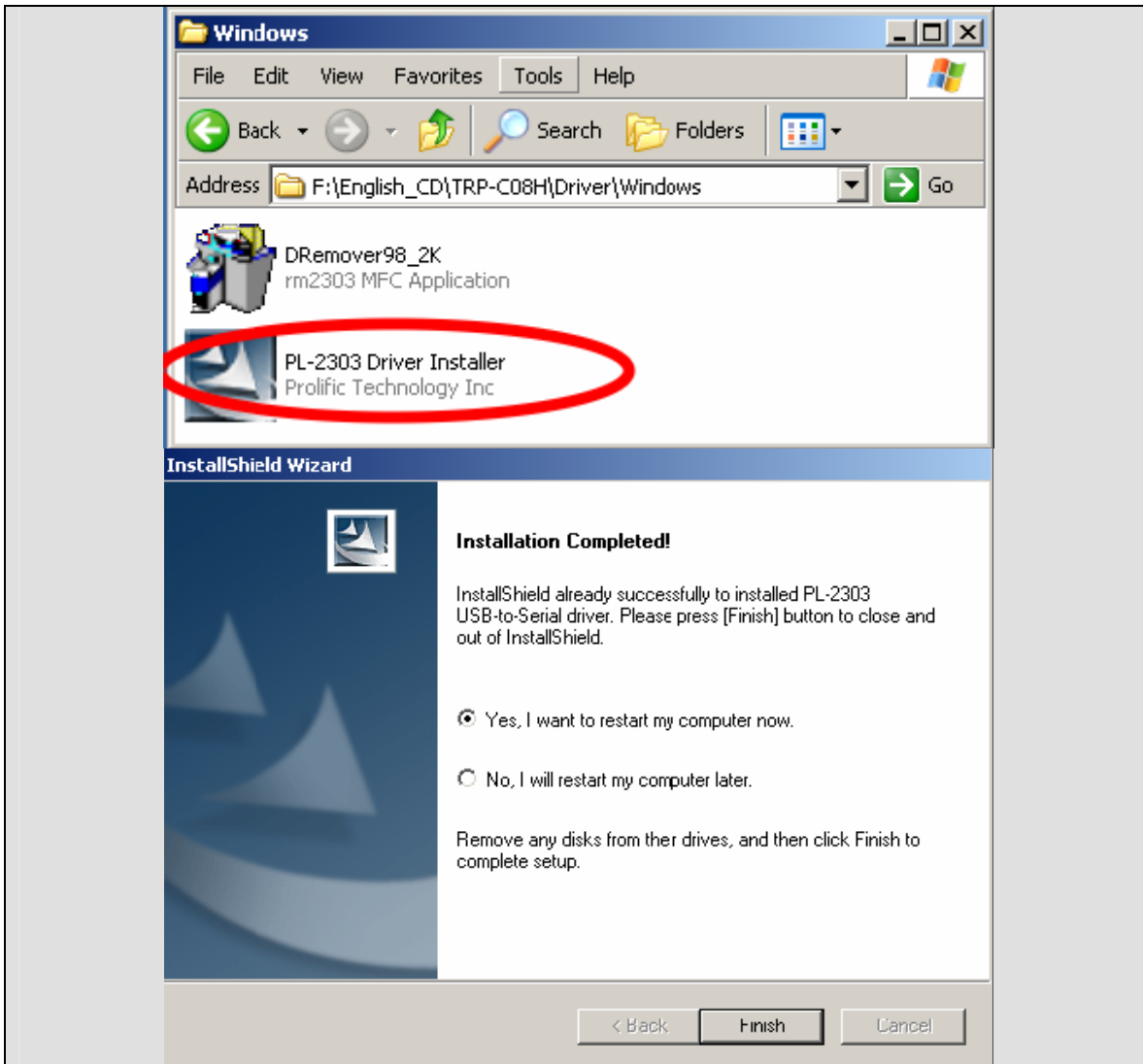
The RS-485 mode supports the Transmit and Receive channels using 2-wire half-duplex operation. Refer to the pin assignment for connection as below.



4. Driver Installation

1. Power on your computer and boot to Windows.
2. Install PL-2303 driver

Step1. Double click "PL2303 Driver Installer" the installShield Wizard screen will appear. The Wizard will guide you to complete the installation.

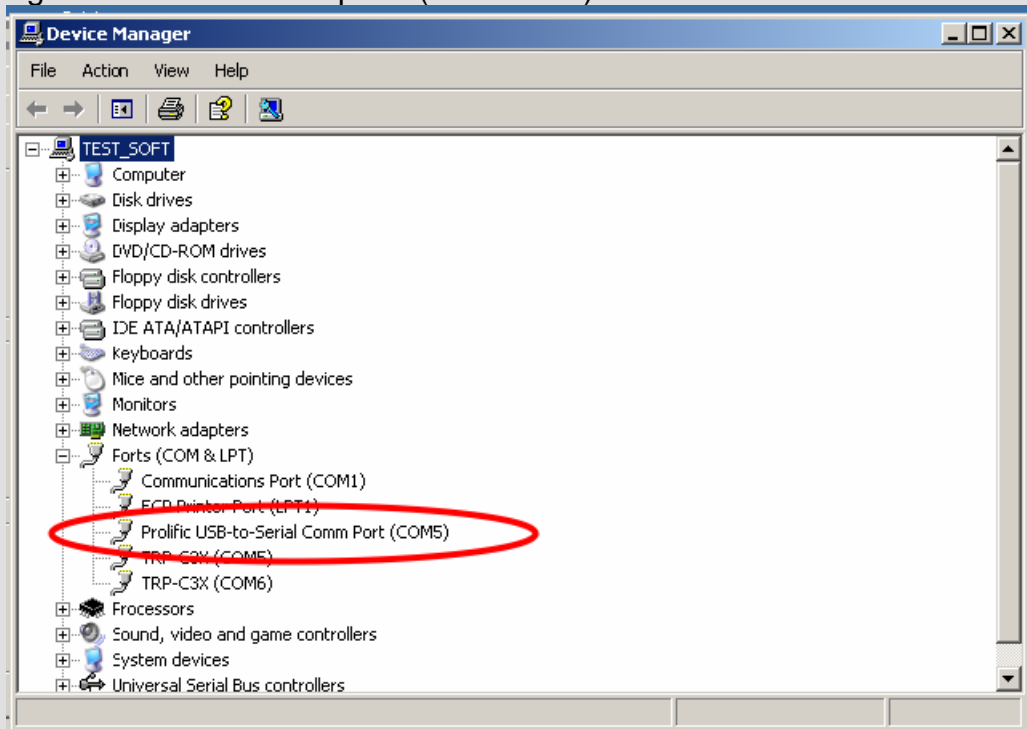


Step2. Connect SCB-C08 with your computer by USB cable.

Step3. Windows system will auto detect a "new USB devices" and complete SCB-C08 installation.



3. After installation, you can check if SCB-C08 was completely installed. Click Start -- Setting -- Control panel -- double click system icon -- Hardware Device Manager -- Double click on ports (COM&LPT).



4. If the device was completely installed you can see new COM devices listed. This means Windows has assigned the device to the COM# port.

**It could be different COM port number showed on the windows device Manager. The PL2303 driver will automatically assign COM number on your system, but you can change the port number by yourself.*