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Connecting. Converting. Leading !

### Isolated 4 Port RS232/422/485 to USB Converter, Model SC11UK4I



With rapid development of computer industry, USB has taken the place of various kinds of traditional low speed peripheral interfaces. However, Serial interface designs are still used in many of the important facilities and therefore, there is a need for a Serial to USB converter to transfer data from USB of a computer to Serial devices.

SC11 series converters allows you to connect your Serial devices to a USB Interface. With data format auto detecting and baud rate auto switching function, SC11 is able to automatically detect the data flow and switch the direction of the data lines as well as to automatically configure serial signals to any baud rate without external switch setting. It is equipped with internal surge-protection on each data line.

Equipped with 3000VDC of Isolation and internal Surge-Protection on each data line, SC11U gives the host computer and module, protection from destructive voltage spikes and danger of unregulated voltages input.

#### USB

Compliant : USB 1.0, 1.1, 2.0  
Connector : USB type B  
Baud Rates : High Speed (480M bps), Full speed 12 Mbps  
Chipset : FTDI FT-4232

#### Serial Ports

RS232 ports : 4. DB9 Connectors  
Baud Rate : 300 ~ 230.4 Kbps  
Signals : TXD, RXD, RTS, CTS, DTR, DSR, DCD

RS422/485 ports : 4. ( Auto Detect ). Terminal Blocks  
Baud Rate : 300 to 961 Kbps  
Signals RS422 : RxD+, RxD-, TxD+, TxD-  
Signals RS485 : Data+, Data-  
Pull up Resistors : 1 K $\Omega$   
RS232, RS422, RS485 Auto Detect  
RS422, RS485 Surge Protect

Parity : None, Odd, Even, Mark, Space  
Data Bit : 7, 8  
Stop Bit : 1, 2  
Flow Control : X-On / X-Off or Hardware  
Receive buffer : 2K Byte  
Transmit buffer : 2K Byte

Protection : : 422/485 has Surge & Over Current Protection  
: Built in 15KV ESD protection for all Serial signals  
Isolation : 3000V DC, Optical, for all Transmit / Receive Signals

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#### **Driver Support ( Virtual Com Utility )**

98SE/2000/XP/2003/Server/VISTA/WIN 7/WIN 8 / WinCE 4.2/5.0/6.0/Windows 2000 / Server  
2003 / XP / XP 64 bit / Vista / Windows 7 / Windows 8.1/Win10  
MAC OSX / Linux 2.4 / 2.6

#### **Power**

DC Jack : 9V to 24V DC  
: 500mA @ 12V DC

#### **Dimension**

Size : 2200 \* 106 \* 28 mm ( W \* D \* H ) including mounting holes  
Weight : 620 gm

#### **Environment**

Operating Temp : -10 to 70°C  
Storage Temp : -20 to 80°C  
Humidity : 5 to 95 % RH

#### **Ordering Code Model Selection : SC11UK4I**

Isolated 4 Port Serial to USB Converter