

San Telequip (P) Ltd.,
 504/505 Deron Heights, Baner Road, Baner
 Pune 411045, Mah, India
 Phone : +91-20-27293455, 9764027070, 8390069393
 email : info@santelequip.com



Connecting. Converting. Leading!

8 port Isolated RS485/422 to USB Converter, Model SC11 485-8



With rapid development of computer industry, USB is taking the place of various kinds of traditional low speed peripheral interfaces. However, Serial interface designs are still used in many of the important facilities therefore, Serial to USB converter is used to

transfer data from USB of a computer to RS485 equipment. SC11 485-8 is a universal USB/RS485/422 interface converter. The unique I/O circuit of the internal zero delay auto transceiver, controls the data stream direction automatically.

Performance parameters

Standards	: Confirming to USBV1.0, 1.1 and 2.0 and EIA RS485/422
USB signals	: VCC, DATA+, DATA-, GND and FG
USB Connector	: Type B, Female
USB Speed	: 12Mbps Full Speed USB
RS-485 signal	: T/R+, T/R-, GND
RS-422 signal	: T/R+, T/R-, RXD+, RXD-, GND
Working mode	: Asynchronous point-to-point
Direction control	: Auto
Serial Baud rate	: 300 to 128Kbps, Auto Detection
Data bits	: 7, 8
Stop Bits	: 1, 2
Parity	: None, Even, Odd, Space, Mark
Flow Control	: None
Load capacity	: Allows connecting up to 128 sets of RS422 or RS485 device for point to multi-point mode
Transmission distance	: 1200m @ 9600bps and less than 5 meters for USB
Interface protection	: +-15KV Electrostatic and 600W Surge protection
Isolation	: 2.5KV RMS
Interface Connector	: DB9 male
FIFO	: 256 byte receive buffer and 128 byte transmit
Signal indication	: 9 LED's. For Power (PWR), Send (TXD) and Receive (RXD)
Transmission media	: Twisted-pair cable or shielded cable
Power	: Voltage input: AC100-240V/50~60Hz
Power consumption	: Max. 12W
Dimensions	: 440mm x 205mm x 45mm
Working Temperature	: -25°C to 70°C
Relative humidity	: 5% to 95%

Supports Win98/2000/XP/Vista/7/8/8.1/10/Linux.
 Both BUS and External power supply are supported.

Ordering Code : SC11 485-8
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