



SERIAL TO USB CONVERTER

DDSU SERIES



SYNOPSIS

- DDSU ALLOWS YOU TO CONNECT YOUR SERIAL DEVICES TO A USB INTERFACE.
- WITH DATA FORMAT AUTO DETECTING AND BAUD RATE AUTO SWITCHING FUNCTION, DDSU IS ABLE TO AUTOMATICALLY DETECT THE DATA FLOW AND SWITCH THE DIRECTION OF THE DATA LINES AS WELL AS TO AUTOMATICALLY CONFIGURE RS422/485 SIGNALS TO ANY BAUD RATE WITHOUT EXTERNAL SWITCH SETTING.
- EQUIPPED WITH 3000VDC OF ISOLATION AND INTERNAL SURGE-PROTECTION ON EACH DATA LINE, DDSU GIVES THE HOST COMPUTER AND MODULE, PROTECTION FROM DESTRUCTIVE VOLTAGE SPIKES AND DANGER OF UNREGULATED VOLTAGES INPUT. SC11U ALSO FEATURES A HIGH SPEED 115.2 KB/S TRANSMISSION RATE, AND SUPPORTS VARIOUS O
- IT DOES NOT NEED ANY EXTERNAL POWER SUPPLY

SPECIFICATIONS

USB	
Compliant	USB 1.0, 1.1, 2.0
Connector	USB type B
Baud Rates	Full speed 12 Mbps
SERIAL PORT (RS485 / 422)	
RS232	DB9 Male TXD, RXD, CTS, RTS, GND, DSR, DTR
RS422/RS485	4 Pin Plug in screw type connector
RS422	Differential 4 full-duplex wires
RS485	Differential 2 half-duplex wires
Distance	RS485, Up to 4000ft (1250m)
Communication Speed	1200 bps to 460 Kbps for RS485/RS422 port Upto 921 Kb for RS232 port Auto baud
Parity Type	None, Odd, Even, Mark, Space
Stop bits	1, 1.5, 2
Data bit	5,6,7,8
Signals LED	Power on, TX, RX

PROTECTION

Isolation Voltage	3000V DC
RS422/485 protection	Against Surge and Short circuit
ESD	15KV

POWER

USB Bus
Self-Powered
5V 50mA

OPERATING CONDITIONS

Operating Temperature	-20 to 65°C
Dimension	85 x 80 x 28 mm
Weight	90g

DRIVER SUPPORT

Win 7, 8.1, 98SE/2000/XP/2003/VISTA, Win10, Mac osx/os9,
Linux 2.4/2.6
Virtual Com Port Utility

ORDERING CODE

DDSU I K

DDSU	Databridge Serial to USB Converters RS232, RS485 and RS422
I	Isolated
K	Fixed