



ISOLATED 4 PORT RS232/422/485 TO USB CONVERTER

DDSU SERIES



DATA BRIDGE
D Y N A M I C

SYNOPSIS

- 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.
- DDSU I 4 K SERIES CONVERTERS ALLOWS YOU TO CONNECT YOUR SERIAL DEVICES TO A USB INTERFACE. WITH DATA FORMAT AUTO DETECTING AND BAUD RATE AUTO SWITCHING FUNCTION, DDSU I 4 K 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.

SPECIFICATIONS

USB

Compliant	USB 1.0, 1.1, 2.0
Connector	USB type B
Baud Rates	Full speed (480M bps), Full speed 12 Mbps

SERIAL PORT

RS232	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
Serial RS422	RxD+, RxD-, TxD+, TxD-
Signals RS485	Data+, Data-
Pull up Resistors	1 K Ω
RS232, RS422, RS485	Auto Detect
RS422, RS485	Surge Protect
Parity	None, Odd, Even, Mark, Space
Data Bit	7, 8
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

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

DDSU I 4 K

DDSU	Databridge Serial to USB Converters
I	Isolated
4	4 * RS232/422/485
K	Fixed