PL-STU   USB TO SERIAL PORT Converter

■DESCRIPTION

PL-STU products provide an ideal physical layer solution on serial port communication conversion. It is an isolated USB to RS-232/RS-485/RS-422 converter. By using PL-STU, one can find out the truth of full supports on convenience, efficiency, expansibility, robustness, reliability, simplicities and stability.

■FEATURE
- USB 1.1 Compatible
- Auto-baud rate of RS-485/RS-422
- Auto Detect RS-485/RS-422, no configuration
- 3KV Power Module and Photo Coupler isolation
- Terminator resistor Inside
- Can be a RS485 repeater in option to extent the system

■APPLICATIONS

It is easy to convert serial port data in IA, Factory Automation, Security or any other low data rate transmission by using it as the intermediate converter.

■ORDERING INFORMATION

PL-STU- [11]

CODE	VERSION
11	USB 1.1

■TECHNICAL SPECIFICATION

Serial Communication:	Transmission speeds: 300~115200 bps
	Data bits: 7, 8
	Parity: None, Even, Odd
	Stop bits: 1, 2
	Flow control: RTS/CTS,
LED indication:	SYS: Red high bright round LED
	TX: Green high bright round LED
	RX: Green high bright round LED
Terminate Resistance:	120Ω
Isolation:	3KV for 1 minute, Power and port isolated by photo couple
	Flow control: RTS/CTS

Power
Power Supply:	No external power supply needed
Power consumption:	≤ 1W

Environmental
Operating temp.:	0~60 ℃
Operating humidity:	20~95 %RH, non-condensing
Storage temperature:	-10~70 ℃

Mechanical
Case Material:	ABS fire-protection (UL 94V-0)
Mounting:	Surface mounting
Terminal block:	Plastic NYLON 66 (UL 94V-0)
Weight:	150g

■DIMENSIONS

94.0
68.0
9.0
25.0
50.0
102.0
FRONT VIEW
4xΦ3.0
6.0
(UNIT: mm)
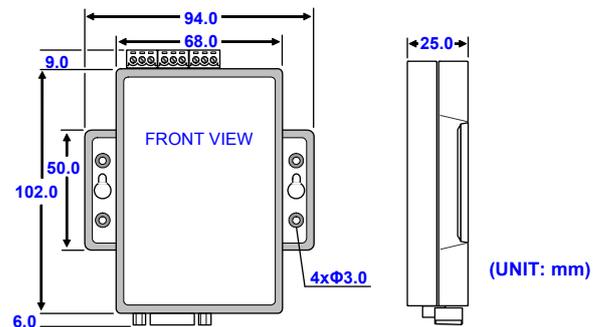
■FRONT PANEL & CONNECTION

FUNCTION DIP SWITCHES

DIP SWITCHES		
TS(S1)	ON: USB to RS232
	OFF: USB to RS485/rs422
NC(S2)	Reserved
T2(S3)	RX1+ ~ RX1- Terminator (RS-422)
T1(S4)	TX1+ ~ TX1- Terminator (RS-422) or DX1+ ~ DX1- Terminator (RS-485)

- Function Dip Switch
- RS-422/485 terminals
- Label for the converter
- SYS LED: The LED will blink when the DC 24V powered
- LINK TX LED: RS-232 data transmission
- RX LED: RS-232 data receiving
- RS-232 connector
- USB plug