

Product Information

Models : VS485UI & VS422UI



Features:

- Galvanic isolation
- Transparent 'COM port like' communication
- Protects against surges, spikes & ground loops
- USB 1.1 and 2.0 compatible
- Simple configuration under Windows™ 98, ME, XP, Vista
- No power supply required
- USB cable included

Applications:

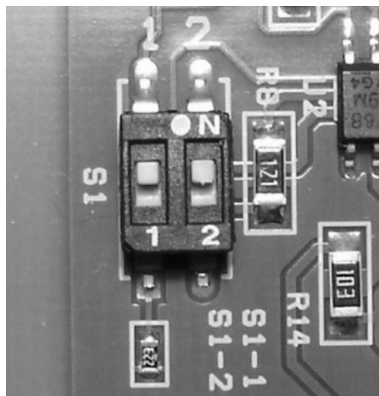
- Industrial
- Instrumentation
- Telemetry
- Medical
- SCADA
- General purpose long range communication

VS485UI is a USB to RS485 half duplex converter, VS422UI is a USB to RS422 full duplex converter. Both devices are galvanically isolated and after installation they appear like a virtual COM port on the computer.

Specifications:

- Dimensions: 85×56×25 mm
- Temperature range: 0 to 70° C (32 to 158° F)
- RS485/422 baud rate: 600 bps to 460.8 kbps
- Operating System: Windows™ 98, ME, 2000, XP, Vista, CE.NET, Mac OS, Linux
- Accessories: USB cable
- Isolation 1000V
- Power less than 100mA

DIP switch settings (VS485UI only):



1. Echo

OFF - Echo ON

- Every character is echoed back since 485 is half duplex.

ON - Echo OFF

- No character is received during transmission.

2. Termination

OFF

- If the converter is the first or the last device in the network, then the termination must be enabled.

ON

- For point-to-point links always enable the termination.

Visual Solutions



Product Information

Models : VS485UI & VS422UI



Control:

- No special care is required to control the line driver or receiver. The driver is automatically enabled when transmitting. In the 'NO ECHO' mode, the receiver is disabled during transmission (VS485UI only). The VS422UI's driver & receiver is always enabled.

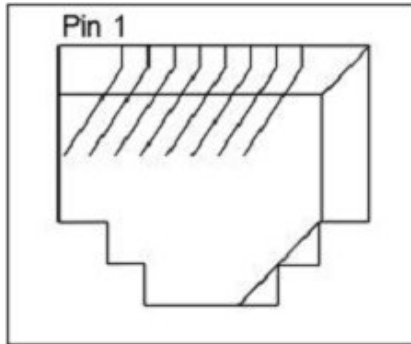


Visual Solutions

The RJ 45 connector pinout:

• VS485UI

1. NC
2. NC
3. NC
4. RSN(B)
5. RSP(A)
6. NC
7. GND
8. GND



• VS422UI

1. TXP(A)
2. TXN(B)
3. RXP(A)
4. NC
5. NC
6. RXN(B)
7. GND
8. GND

Cabling:

- Twisted pair, UTP, STP.

Visual Solutions Ltd.

H-1158 Budapest
Késmárk u. 24-28.

Tel.: 00 36 (1) 415 0832

Fax: 00 36 (1) 415 0835

info@visualsolutions.hu

www.visualsolutions.hu

