



### OVERVIEW

The SCADALink USC is a multi-purpose USB to Serial converter intended as a tool for field service personal. The USC provides physical serial ports for laptop computers which lack serial connectivity or to provide additional ports when necessary.

The USC makes connecting serial device easy by providing RS232 interfaces on both the standard DB9-M connector as well as screw terminal blocks for quick connection to standard serial cables or loose field wiring.

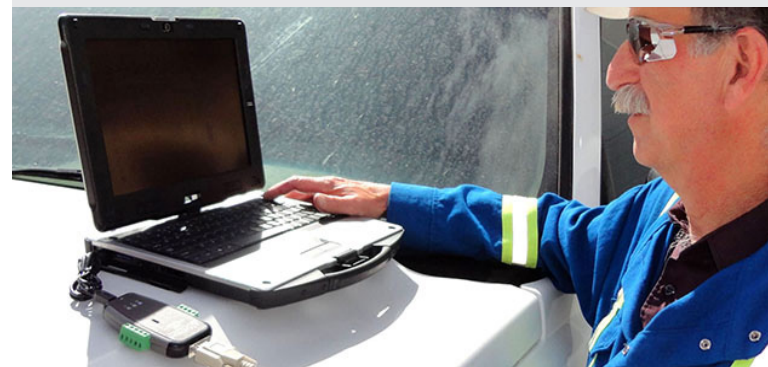
The USC supports baud rates up to 250k baud on RS485 and up to 900k baud on RS232 including all standard industrial rates from 1200 baud to 115200 baud. The USC is fully electrically isolated up to 3000V to protect your computer from any voltage spikes or incorrect wiring that may occur in the field.

### FEATURES

- USB Port Powered
- DB9-M and Terminal Block RS232 Connections
- RS485 2-wire & 4-wire Connections
- Baud Rates Up To 250k Baud
- 3000VAC Electrical Isolation
- USB 2.0 Compliant
- USB Cable and Drivers Included

### APPLICATION

- Interface to PLC, RTU, and Flow Computer Devices
- Provide serial parts to laptops without serial ports
- Tested For Use With Industrial Devices
- USC Provides Isolation
- Field Service Applications



### SPECIFICATION

Host Interface	USB
Electrical Interface	RS-232, RS-485 Half / Full Duplex, RS-422 Compatible
USB Powered	Yes
RS232 Connectors	DB9M, 4-pin Phoenix Connectors
RS485 Connector	5-pin Phoenix Connectors
USB Connector	3ft Mini USB Cable: A to Mini-B (included)
Max Data Rate	RS-232: 921.6 kbps RS-485: 250 kbps
Max Data Distance	RS-232: 50 feet RS-485: 4000 feet
Isolation Between USB and External Ports	1000VAC
LED Indicators	Power, TX, RX
Buffers	512 bytes TX and RX buffers
Power Requirement	+5V @ 200mA (provided by USB port)
USB Specification	1.1 Compliant 2.0 Compliant

ESD Protection	+ / - 15kV Human Body Model + / - 8kV IEC61000-4-2 Contact Discharge + / - 15kV IEC61000-4-2 Air Gap Discharge
Operating Temperature	-40 to +70C
Storage Temperature	-50 to +105C
Humidity Range	10 - 90% Relative Humidity, Non-Condensing
Dimensions	4.2in (L) x 3.9in (W) x 0.7in (H)
Software Compatibility	<b>VCP Driver / D2XX Direct Driver</b> Windows 8 32-bit, 64-bit Windows 7 32-bit, 64-bit Windows XP and XP 64-bit Windows Vista and Vista 64-bit Windows XP Embedded Windows CE 4.2, 5.0, 6.0 Mac OS-X Linux 3.2 and greater Andriod