

LSC-0101U

USB to RS-422/485 Serial Device

- Connected Serial port type auto-identification
- Fully compatible with the USB V1.0, V1.2, V2.0
- Built-in RS-422/RS-485 Terminal Resister for Surge Protection
- Provides 15KV ESD for all signal



OVERVIEW

Lantech LSC-0101U is a USB to serial device adapter. Featuring USB (Universal Serial Bus) interface technology, it is converted the USB to RS-485/422, which can be easily adopted for industrial machines with RS-485/422 interfaces. LSC-0101U is compatible with fully compatible with the USB V1.0~2.0. LSC-0101U's electrical power is from USB port and doesn't need any power adapter. Users can connect a PC USB port or USB hub to LSC-0101U via the USB cable and High-Speed

RS-485/422 serial port which features easy connectivity for traditional serial devices in working environments.

LSC-0101U offers internal surge-protection on RS-485/422's data lines. Internal high-speed transient suppressors on each data line protect LSC-0101U from dangerous voltages levels or spikes.

SPECIFICATION

RS-485/4225		USB Version	Fully compatible with the USB V1.0, V1.2, V2.0
No. of Ports	422/485 * 1 Port (Terminal Block)	USB Type	USB type A connector
RS-422 Signals	RxD+, RxD-, TxD+, TxD- in Full-duplex (Surge Protection)	Baud Rates	Full speed 12 Mbps
RS-485 Signals	Data+, Data- in Half-duplex (Surge Protection)	General Specification	
Receive buffer	576 Byte	Driver OS Support	Windows – 98E / 2000 / XP / Server 2003 / Vista , Mac osx / os9 , Linux 2.4 / 2.6
Transmit buffer	640 Byte	Power	USB bus power as voltage DC +5V
Baud Rate Speed	300 bps~230.4k bps	Operating Temperature	0°C~60°C
Surge Protection	Built-in RS-422/RS-485 Terminal Resister	Storage Temperature	-20°C~85°C
Connected Serial port type identification	Auto-Detection	Humidity	5-95% RH
Resistor SW	Built in Terminal 100 Ohm Terminal resistor SW selection ON/OFF	Dimensions	55 x 40 x 25 mm (W * D * H)
ESD	15KV ESD for all signal	Weight	35g
USB Port		Regulatory Approved	EMC : FCC Class A, CE Class A
No. of Ports	USB * 1 Port	Warranty	2 years
Chipset	Silicon Laboratories CP2102		

ORDERING INFORMATION

- **LSC-0101U**.....P/N: **8425-008**
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