



Connecting to Industrial Field buses, remote devices to a latest Computer becomes difficult due to obsolete of the RS232C ports by Computer Manufactures. But with the vast use of equipments with these interfaces needs a connection with PC for monitoring, configuring and working. Most of the market available converters are not equipments with proper ESD protection circuits to work longer and with an industry equipment. So we have our most suitable converter for both Industrial environment and general usage.

Specification

- * Supports all Baud Rates from 300 to 250 kBaud.
 - actual baud rate varies on the cable length
- * Supports up-to 256 receivers on the bus
 - also depends on the other devices connected in the RS485 network
- * Works with all type of industrial equipments
 - PC, PLC, SCADA, HMI, AC/DC Drives, Genset, UPS, Development Kits, etc.
- * RS485 Rx and Tx light indications for easy visibility and troubleshooting
- * ESD protection for RS485 pins
 - ± 15 -kV Human-Body Model (HBM)
 - ± 8 -kV IEC1000-4-2, Contact Discharge
 - ± 15 -kV IEC1000-4-2, Air-Gap Discharge
- * ESD protection for USB
 - $> \pm 2$ -kV Human-Body Model (HBM)
 - $> \pm 200$ -kV Machine Mode (MM)
 - $> \pm 500$ -kV Charged device mode (CDM)
- * Very compact size 60mm x 40mm x 20mm
- * Easy replaceable mini-USB Cable
- * 1 Year Warranty against any manufacturing defects

Electrical characteristics

Power Input	5V DC from USB Cable
Operating Temperature	0 ~ 85 °C
Working Current	200mA Max
RS485 in Receive input	± 12 V between A and B max
RS485 in Transmit output	A pulled up to +5V, B pulled down to 0V
RS485 Termination	120 Ω between A and B built-in

Ulive systems manufactures various products for industrial use like

- ✓ **USB-RS485, USB-RS232, USB-RS422, RS232-RS485, RS232-RS422**
- ✓ **ISO-USB-RS485, ISO-RS232-RS485**
- ✓ **ETH-RS485, ETH-RS422, ETH-RS232-D**
- ✓ **MODBUS IO modules – 48DI, 24DI24DO, 16DI, 8DI8DO, 0 – 20mA, 0 – 10V**
- ✓ **0 – 20mA / 0 – 10V simulator**
- ✓ **PLC, HMI, Relay modules**
- ✓ **Surge protection devices for RS485, 1ph 230V AC, 3Ph 440V AC etc.,**