

## Industrial USB to 12-Port Serial Adapter (DB-9 Male)

The Industrial USB to 12-Port serial interface adapter ensures 12 serial devices by DB-9 port connected require long range or multi-drop capabilities won't be damaged between the PC and serial applications. All configuration and electrical interface selections are handled through the driver, eliminating the need to open the enclosure to set jumpers or switches. The serial port is software configurable for RS-232, RS-422, and RS-485 with the electrical interface settings maintained locally, allowing the host computer to be repaired or upgraded without reconfiguring the serial port. Additionally, the isolated adapter can be configured at one computer and deployed to other computers.

### Features

- Full compliance with the USB Specification 2.0 & 1.1
- Enables to configure RS-232 / RS-422 / RS-485 (Echo mode / Bias resistor / Terminal resistor) thru application programmer of Windows OS.
- Data transfer rate up to 230 kbps ( RS-232 ) ~ 3 M Baud Rate ( RS-422 or RS-485 )
- Supports USB branching up to 3 tire levels (max. 48 devices connection)
- Supports  $\pm 15\text{kV}$  (air),  $\pm 8\text{kV}$  (contact) ESD protection
- Supports 40A (5/50ns) & Peak Pulse Power 250 W ( 8/20 us ) Surge and Transient spikes protection
- Compatible with Windows XP SP3 / Vista / 7 / 8 / 8.1 / 10 / 11; Windows Server 2003 / 2008 / 2008R2 / 2012 / 2012R2; Mac OS 8.6, Linux 1.5.0 or higher
- Rugged & cambered Metal shell and wall mountable

Model No.		UTS-1231DB	DB-9 Male Pin Assignment			
Chip		FTDI	RS-232		RS-422	RS-485
Data Rate	RS-232	230 Kbps	Pin No.	Definition	Definition	Definition
	RS-422 / RS-485	3 M Baud Rate	1	DCD	RX-	
LED on each port		3 ( TX / RX / ACT )	2	RXD	TX+	D+
Connector	Host	USB Type B Female x 1	3	TXD	RX+	
	Daisy-Chain	USB Type A Female x 1	4	DTR	CTS-	
	Serial Out	DB-9 Male x 12	5	GND	GND	GND
USB Specification		USB 1.1 / 2.0 compliant	6	DSR	TX-	D-
Operating/Storage Temperature		-40 to 85°C (-40 to 185°F)	7	RTS	RTS+	
Power Mode		DC5V	8	CTS	CTS+	
Housing		Metal	9	RI	RTS-	
Dimension ( L x W x H )		268 x 102 x 40 mm				

