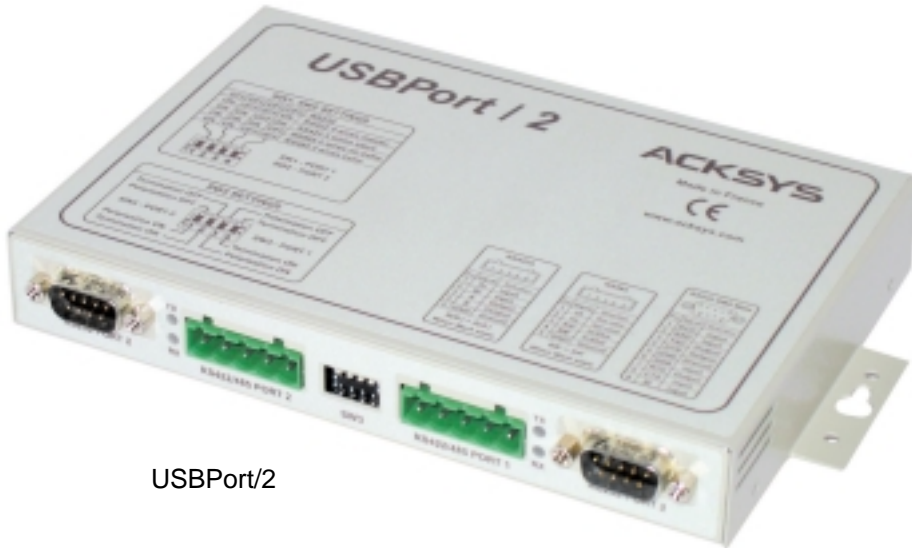


Isolated RS232/RS422/RS485 USB serial Hub



USBPort/2

PLUG & PLAY

RS232

RS422

RS485

ISOLATION

- 2 or 4 ports 3-in-1 serial interface : RS232/RS4522/RS485 (2500V isolation)
- Data rate up to 921.6 Kbps on each port
- RS485 automatic line direction control
- Support for 4-wire RS422/RS485 and 2-wire RS485
- Independent TxD & RxD signalling for each port
- USB bus powered or from an external power source (+9VDC to +36VDC)
- Hot "Plug & Play" support, USB 2.0 full speed and USB 1.1 compliant
- Standard COM ports full compatible
- 15 KV ESD protection and HF filtering
- Robust & compact metal case, **CE** industrial grade, cabinet or 35 mm Din Rail mounting

USBPort/2 & USBPort/4

Isolated 2 or 4 port RS232 / RS422 / RS485 USB serial Hub



5-YEAR WARRANTY

This new range of serial to USB solution (USBPort/x) offers performance, simplicity of installation, security, robustness and high reliability at affordable prices.

USBPort/x is proposed in two models : 2 and 4 isolated port with 3 in 1 serial interface RS232, RS422 & RS485 in order to cover all technical requirements of industrial environments.

USBPort/x installation is quite simple as the product is instantly plug & play, it doesn't require any IRQ, DMA or I/O port resources.

Installed serial ports are considered by Windows 9x, Windows 2000, Windows XP & Linux operating systems as computer's standard COM ports.



Distribución: **ER-SOFT, S.A.** Email: er@er-soft.com, Tel: +34 916 408 408

TECHNICAL CHARACTERISTICS

Interfaces	2 or 4 RS232 / RS422 / RS485 asynchronous serial ports for USB 2.0
RS signals	RS232 mode : TxD, RxD, RTS, CTS, DCD, DTR, RI et GND RS422 mode : A, A', B, B' et GND - RS485 mode : AA', BB' et GND
Format	Asynchronous 5, 6, 7 or 8 bits per character 1, 1 ^{1/2} , 2 stop bits Even, odd, mark, space or no parity
Data rate	From 50 to 921,6 Kbps on each port
FIFOS	32 bytes on each port
Hand-shake	Hardware hand-shake (RTS/CTS) and/or software hand-shake (XON/XOFF) with automatic line direction control in the RS485 mode.
RS connectors	5-point screw-in terminal for each RS422/RS485 port, male SUB D9 connector for RS232
Protection	15KV ESD protection with HF signal filtering, industrial CE conformity
Isolation	2500V optic isolation on RS422/RS485 serial ports
Signaling	2 LEDs per port to monitor TxD & RxD signals activity, one LED for power supply
Power supply	USB bus powered of from an external power source (+9 to +36VDC) on jack or Phoenix connector. USBPort/x enables to chain other USB devices and thus power other USB equipments from the product.
Operating systems	Windows 9x, Windows 2000, Windows XP, Linux 2.4 & 2.6
Consumption	2.5W for the 2-port version, 5W for the 4-port version
Configuring	« Plug & Play » equipment, quick & easy Windows installation, RS232 / RS422 / RS485 mode, polarization and line termination are switches configurable.
EMC	NF EN 55022 residential emission, NF EN 61000-6-2 industrial immunity
Environment	Operating temperature from -5°C to +65°C, storage -40°C to +80°C, 0 to 95% relative humidity without condensation
Installation	Metal case, delivered with 35 mm Din Rail mounting accessories
Dimensions	USBPort/2 : 168 mm (L) x 112 mm (W) x 26 mm (H) USBPort/4 : 168 mm (L) x 112 mm (W) x 42 mm (H)
Weight	445 g for the 2-port version, 610 g for the 4-port version

References to order

USBPort/2	Isolated 2-port RS232/RS422/RS485 serial Hub, power from USB bus or from an external power source +9VDC to +36VDC, 2 meter USB type A/B cable provided
USBPort/4	Isolated 4-port RS232/RS422/RS485 serial Hub, power from USB bus or from an external power source +9VDC to +36VDC, 2 meter USB type A/B cable provided
PWS-12-MJ	Optional external power source (+12VDC / 5.5W) for USBPort/x (required when chaining several devices on the same USB port or when the USB HUB deliver less than 500 mA)

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