



INDUSTRIAL BLUETOOTH™



Serial Port Adapter™

The Serial Port Adapter™ is the world's first Bluetooth product that enables cable replacement in industrial applications. It allows any device with an RS-232/422/485 port to communicate wirelessly. No software installation is needed and no changes in the existing system are required. Just unplug and play!

The Serial Port Adapter™ is designed to be used in any application currently using an RS-232/422/485 cable. It communicates with other Bluetooth devices, such as other Serial Port Adapters, mobile phones, handheld computers and laptops. Just use your imagination, replace the RS-232/422/485 cable, unplug and play!

Key Features

- Industrial design - IP65, 9-30 V DC power supply
- Easy to reconfigure using the Windows based wizard
- Replace RS-232/422/485 cables in existing installations
- No external software needed
- Full Bluetooth support
- Easy to mount
- Bluetooth qualified and type approved

Bluetooth Qualification

The product is Bluetooth qualified according to the Bluetooth 1.1 specification.

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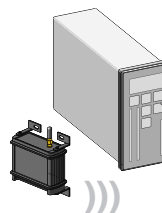
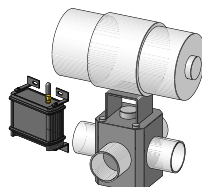
Typical Applications

Some examples of typical applications where the Serial Port Adapter™ is used.



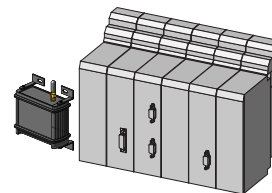
Laptop - Industrial product

Laptop running a configuration software connects wirelessly to an industrial product.



Industrial product – Industrial product

Operator interface wirelessly connected to a control system.



Technical Data

SPECIFICATIONS

Bluetooth Interface

Supported Bluetooth Profiles: Serial Port Profile, LAN Access Profile (up to Serial Port Profile and SDP) and Dial-up networking Profile (up to Serial Port Profile and SDP)
Bluetooth radio: 0dBm power output
Range (line of sight): up to 50 m.

Bluetooth Qualification

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Serial Interface

Standard male RS-232 DSUB-9 connector, RS-422/485
Supported baud rates: 300 -230400
Flow control: CTS/RTS or none

Power/current Consumption

Power connector: Power connector for industrial use
Power supply: 9-30 V DC
Power consumption: 500mW

Construction

Protective aluminum cover, IP65 protection class
Interfaces: Antenna, serial interface connector, power connector, LED indicator and multifunction switch
Dimensions: 84.6 *63.3 *34.6 mm
Weight: 170 grams.

Configuration Software

Configuration utilities for Windows 98, Windows ME, Windows 2000 and Windows NT 4 used to configure:

- Serial interface parameters
- Bluetooth settings
- Remote peer handling
- Bluetooth security

Environmental

IEC 61131-2
Operating temperature: 0 - +65° C
Storage temperature: -25 - +70° C
Humidity RH 5-90% non-condensing

Tested to comply with

R & TTE Directive 1999/5/EEC
EMC Directive 89/336/EEC
Part 15 of the FCC Rules

Deliverables

The product box (cB-SPA-01) ships with:

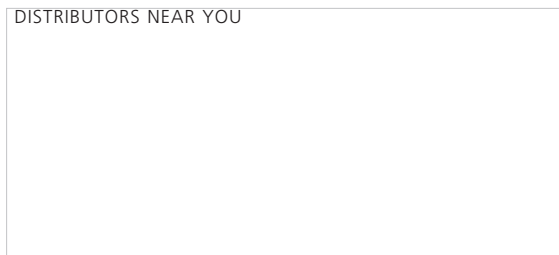
- Serial Port Adapter™
- Serial cable
- CD with configuration utilities for Windows 98, Windows ME, Windows 2000 and Windows NT 4
- User manual
- Power adapter 100-250 V AC

Order Number

cB-SPA-01 (Serial Port Adapter Complete)
cB-SPA-02 (Serial Port Adapter)



DISTRIBUTORS NEAR YOU



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