



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 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 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 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 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.

connectBlue

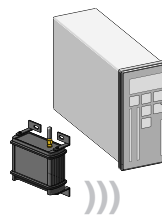
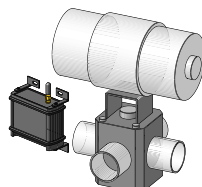
Typical Applications

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



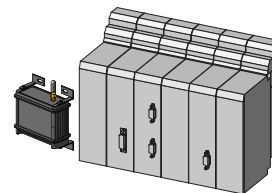
Laptop - Industrial product

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

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

Serial Interface

Standard male RS-232 DSUB-9 connector
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, RS-232 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:

- RS-232 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:

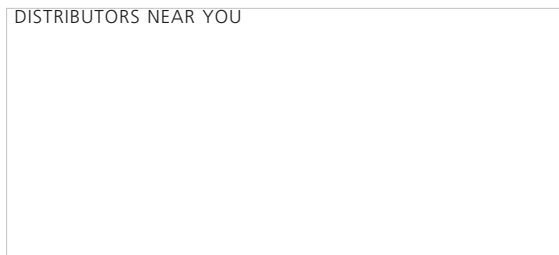
- Serial Port Adapter™
- Serial cable
- CD with configuration utilities for Windows 98, Windows ME, Windows 2000 and Windows NT 4
- User manual
- Power adapter 100-250 V AC

Order Number

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



DISTRIBUTORS NEAR YOU



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