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EZURiO

Product Brief: BHCRS02BI

Bluetooth® RS232 Adapter

Part No: BHCRS02BI

The EZURIO RS232 Adapter allows any device with a standard DB9 RS232 to upgrade to *Bluetooth* wireless connectivity. Using an EZURIO pre-approved module means no further approval required. Combined with our AT style interface this brings versatile adaptation to cable replacement within easy reach.

Key Features
- Class 1 "Plug-in" *Bluetooth* device
- Range up to 250 metres
- Simple AT style interface
- Integrated antenna
- Industrial temperature range -40°C to +85° operational range
- Fully approved standalone product – no further approval cost
- Embedded *Bluetooth* stack
- Field upgradeable
- Remote configurable
- Profile support including: SPP, DUN, FTP client
- 2 year warranty

This product has been designed as a true industrial adapter, with an exceptional range of up to 250 metres ensuring a reliable and robust connection regardless of the environment, thus allowing connection to any other *Bluetooth* device using the same profile. The *Bluetooth* RS232 Adapter can be used as a direct cable replacement in any application utilising an RS232 port.

Key Benefits
- Fastest time to market
- Rugged design
- Low power
- Low cost of ownership
- No host stack required
- Fully approved

The *Bluetooth* RS232 Adapter supports all the major serial profiles including the Serial Port, Dial up Networking and FTP client.

For further information please visit our website at www.ezurio.com
Alternatively contact: sales@ezurio.com - ☎+44 (0) 20 8938 1072
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Product Brief: BHCRS02BI

Bluetooth RS232 Adapter

Features

Features
Version 1.1 *Bluetooth*
9 pin female D type connector
Fully approved standalone product – No approval cost
Designed for any RS232 port cable replacement
Integrated antenna with up to 250m range
Sleek design with a cable for external cabinet mounting
Low current consumption
Data rates up to 250 kbps
Industrial Temperature range
Wide ranging profile support: SPP, DUN, and FTP client
Multipoint supported
Field upgradeable
2 Year warranty

Key benefits

Fastest time to market	Ergonomically designed
Lowest cost of ownership	Direct RS232 replacement

Supports encrypted data	Low power consumption
Robust design	Extensive technical support

Overview of the technical specification

Feature	Implementation
Bluetooth	Class 1
Frequency	2.400 – 2.485 GHz
Max Transmit Power	+ 6dBm
Min Transmit Power	- 27dBm
Idle Power	88mA typical
Receive Sensitivity	Better than -85dB

Feature	Implementation
Physical Size	102 X 54 X 5 mm, 30g
Bluetooth Qualified	*Bluetooth* 1.1
Temperature Range	-40°C to +85°
Multipoint	Option
Range	250m (free space)
Power Range	

The details contained within the document are subject to change; please download the product specification available from www.ezurio.com for the most up to date specification

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