

Bluetooth RS232 Adapter

Transparent data transmission via Bluetooth

Radio adapter for mounting on top-hat rails in control cabinets, PLC, machine controls and other control systems.



The LinTech Bluetooth RS232 adapter can be integrated into almost any control system as a transparent cable replacement for data transmission.

The device is configured directly on the PC or via an existing Bluetooth connection and can be easily retrofitted.

The adapter sends and receives data via radio. The interface to the device is a standard RS232 DSUB9 connector.

With the help of the Bluetooth adapter, control systems and service interfaces can be programmed wirelessly in connection with a PC (notebook), PDA or similar.

The Bluetooth RS232 adapter works in both master and slave mode, i.e. the device can establish a connection to another Bluetooth device and does not have to wait passively for connection requests.

There is an easy-to-use Windows configuration programme for the adapter to change the device settings and the connection parameters. It is also possible to configure the adapter via AT commands.

On the LinTech website at www.lintech.de you will find detailed documentation and the configuration software "BlueTool" for download.

Mechanical properties

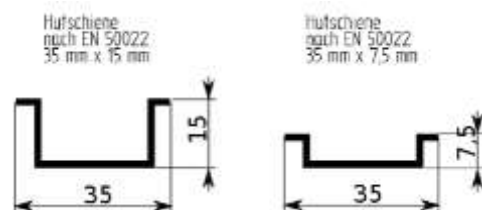
Dimensions: LxWxH 85 x 56 x 27 (37 with clip) mm

Weight: approx. 120 g

Material: Housing: extruded aluminium 6063

Cap: ABS, Clip: aluminium

Mounting: Snap-on mounting on standard rail according to EN 50022



Electrical properties

Power supply: 6 – 36 V DC

Internal power consumption approx. 0.4 W

Connections:

- RS232/ D-SUB9 male
- Antenna connection SMA socket
- Connection terminal Power supply



Radio transmission properties

Frequency range: 2.402 – 2.480 GHz
Max. transmission power: 4 dBm (2.51 mW)
Reception sensitivity: -87 dBm

Bluetooth: V. 2.0, Bluetooth Serial Port Profile
(Device A/Device B)
Function: Master/Slave
Configuration: AT commands, configuration
software for Windows
Max. data rate 115 kbps
Security initialisation via password

LED status indicators:
Operating modes
Operational readiness
Status display

Environmental conditions

Operating temperature: -20 °C – +75 °C
Storage temperature: -30 °C – +85 °C

Antenna

external rod antenna

Optional antennas:

Surface-mounted
antenna



Mounted antenna on
control cabinet,
1 m cable

Adhesive
antenna



Antenna with
adhesive pad and
25 cm cable



Ordering information

Item no.	Designation	Description
1409_HS	Bluetooth RS232 adapter	Bluetooth adapter for top-hat rail mounting for data transmission, short antenna (SMA connector)
	Surface- mounted antenna	very slim and vandal-proof surface-mounted antenna e.g. for control cabinets, cable 1 m, omnidirectional antenna, SMA connector, 2.4 GHz
	Adhesive antenna	Adhesive antenna with extension cable 25 cm, omnidirectional, SMA connector, 2.4 GHz



LinTech GmbH Kommunikationstechnologien
Friedrich-Engels-Straße 35, D -13156 Berlin
Phone +49 (030) 55 22 62 73
Fax +49 (030) 55 22 62 84
E-mail LinTech@LinTech.de
<http://www.LinTech.de>