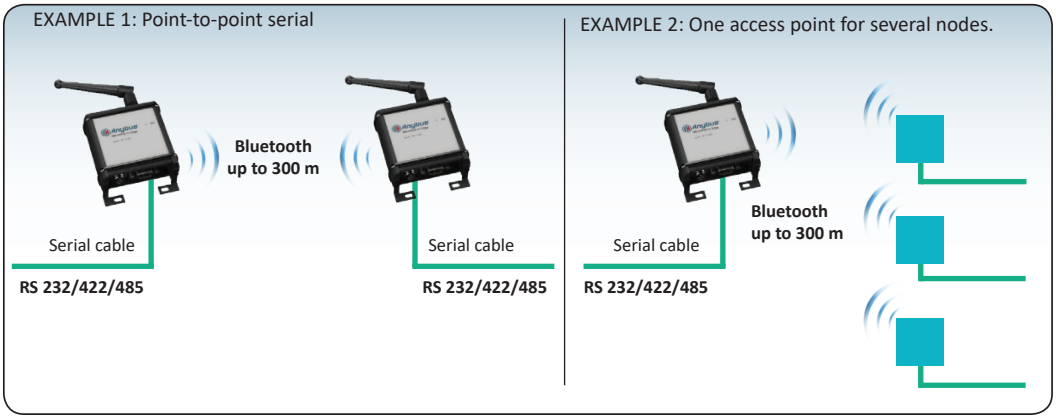
Wireless Bridge — serial over Bluetooth

Anybus Wireless Bridge Serial enables you to create a robust wireless connection to a serial device via bluetooth. The solution is ideal for communication through hazardous areas or hard-to-reach locations where cables are not desirable.



Availability

024140
Anybus Wireless Bridge Serial Bluetooth gateway (excluding cables and power supply)

Accessories

025240
Cable Kit with M9 Power connector including cable (2m) and serial cable (1.8m) with 2xDSUB, power adapter not included.

1.04.0085.00000
Magnetic antenna foot with 1,5 m cable and RPSMA connector, excl. antenna.

1.04.0085.00003
Screw-mount antenna base with 1,5m cable and RP-SMA connector, excl. antenna

3 YEAR GUARANTEE

HMS provides a full 3 year product guarantee

Connect serial devices over Bluetooth

Anybus Wireless Bridge for Serial over Bluetooth is a rugged wireless serial-port adapter with Bluetooth functionality. It allows connection of up to seven serial slaves with an RS-232/422/485 interface over Bluetooth.

Point-to-point or multipoint

Wireless Bridge is often used as cable replacement in point-to-point communication, but it can also be used as an access point for several Bluetooth nodes within range such as smartphones or iPads.

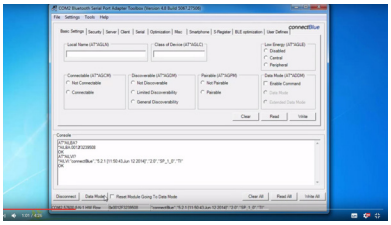
Features and benefits

- Range up to 300 meters.
- Rugged design with IP65-classed housing.
- Connects up to 7 slaves with a serial RS-232/422/485 interface via Bluetooth
- Easy configuration via ToolBox Windows program
- Advanced configuration with AT commands

Why Bluetooth?

- Reliable and noise immune wireless connection since Bluetooth switches between frequencies.
- Point-to-point or multipoint

Configuration



An included Windows tool allows you to set up the Wireless Connection without any programming. See how it works on www.anybus.com/wireless

TECHNICAL SPECIFICATIONS	
Description	Serial bridge via Bluetooth
Order code	024140
Range	300 meters
Antenna	External
Operating temperature	-30 to +85 °C
Weight	190 g
Housing	Metal (IP65)
Dimensions W×H×D	76 x 85 x 35 mm
Connectors	Male DSUB (Serial) M9 Binder 712 (power)
ELECTRICAL CHARACTERISTICS	
Output power	13 dBm
Power supply	8-30 VDC
Power consumption	9mA @30V (min.) 20 mA @30V (average)
WIRELESS COMMUNICATION	
Communication type	Bluetooth v4.0 excl. BLE
Ethernet/Serial interface	RS232/422/485 Baud rate: 1200-460800 bits/s 8 data bits
Supported Bluetooth profiles	Serial Port Profile (SPP).
Throughput	460.8 Kbps
Max number of slaves	1
Security	Simple pairing Standard Bluetooth security
CERTIFICATIONS	
Europe	RED
U.S.	FCC/CFR 47 part 15 unlicensed modular transmitter approval
Canada	ISED (formerly IC) RSS
Japan	MIC - formerly TELEC
Medical qualification	IEC 60601-1-2

For more technical details and specifications, visit anybus.com

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