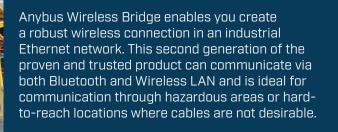


# Wireless Bridge II™





## **EXAMPLE 1: Point-to-point**





Replacing an industrial Ethernet cable.









#### **EXAMPLE 2: Access point**



Bluetooth/WLAN







The Wireless Bridge can act as an access point connecting up to seven different clients. This example shows connection to several Anybus Wireless Bolts and one Wireless Bridge. The Anybus Wireless Bridge and Bolt work seamlessly together.

# Availability

Ethernet bridge via Bluetooth and WLAN. 2.4 GHz/5 GHz. Internal antennas.

#### AWB3003

# Anybus Wireless Cable kit:

- 2 pcs Anybus Wireless Bridge II (AWB3000 internal antennas)
- 2 pcs Ethernet cables 2 meters, M12 + open leads
- 2 pcs "click mount" Ethernet RJ45 connectors
- 2pcs Power cables 2 meters M12 + open leads

#### AWR3010

Ethernet bridge via Bluetooth and WLAN. 2.4 GHz/5 GHz. External antenna.

### Accessories

#### 023040

Accessory Pack: 1.5m Ethernet cables M12/RJ45 and power supply (world).

#### 024700

M12 Connector Kit with screw terminals.

#### 024701

DIN Clip kit with screws.

### 024702

Extra external antenna. Foldable, dual band. RP-SMA connector.

#### 1.04.0085.00000

Magnetic antenna foot with 1,5 m cable and RP-SMA connector, excl. antenna.

#### 1.04.0085.00003

Screw-mount antenna base with 2 m cable and RP-SMA connector, excl. antenna

# Wirelessly bridge industrial Ethernet networks

Use the Anybus Wireless Bridge to create a wireless connection in a PROFINET, EtherNet/IP, Modbus-TCP or BACnet/IP network. You can use the same hardware for both Bluetooth or WLAN communication.

### Point-to-point or multipoint

Anybus Wireless Bridge is often used as an Ethernet cable replacement (point-to-point communication). But it can also be used as an access point for several WLAN/Bluetooth nodes within range.

# Features and benefits

- Three built in antennas for higher performance and better robustness.
- Operation with Bluetooth Low Energy.
- Range up to 400 meters.
- Rugged design with IP65-classed housing.
- Easy setup via push button or via web configuration pages.
- Full compatibility with Anybus Wireless Bolt a wireless product for machine mounting.
- Connects to your machine via Ethernet.
- Simultaneous operation of Bluetooth and WLAN allowing for bridging between the two.

#### Which wireless standard?

# Use WLAN (aka WiFi) if:

- Interaction with other devices is needed, e.g. Bolt/AWB II to tablet/PC/ phone or WLAN infrastructure.
- · WLAN channel frequency planning is possible.
- Higher data throughput speed is necessary.
- Larger file transfers are expected.

#### Use Bluetooth if:

- The wireless link has Anybus products in both ends, e.g. Bolt to Bolt, AWB II to AWB II or Bolt to AWB II.
- A robust and reliable link without interruptions is important e.g. in an industrial environment with lots of disturbances, and maybe has been proven not to work well using WLAN.
- A Profinet or Ethernet/IP I/O cycle time of 64ms or higher is acceptable.
- The data throughput speed need is on the lower side.

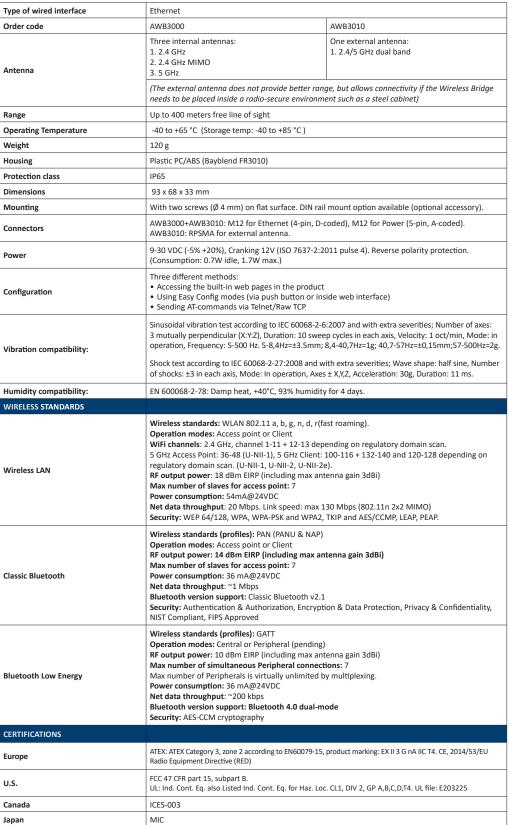


# TECHNICAL SPECIFICATIONS

Other countries









Link quality LEDs /



#### Configuration

You can configure the Anybus Wireless Bridge by accessing the built-in web pages in the product. You can also use the push-button. Pressing sequences will configure the product. Instructions included.



#### Order a Starter Kit!

Includes: Two Wireless Bridges (AWB3000), Two Power Supplies (world), cabling, Quick Start Guide. Part number: AWB3300

Anybus® is a registered trademark of HMS Industrial Networks AB, Sweden, USA, Germany and other countries. Other marks and words belong to their respective companies. All other product or service names mentioned in this document are trademarks of their respective companies.

Part No: MMA404 Version 12 09/2019 - © HMS Industrial Networks - All rights reserved - HMS reserves the right to make modifications without prior notice.

Argentina, Australia, Brazil, Chile, Colombia, India, Malaysia, Mexico, Peru, Phillipines, South Africa, Turkey,

