

# NetBotz® Wireless Sensor Setup

## Documentation Addendum

### Overview

The following new features for the wireless sensor network were introduced in BotzWare v4.5.0 and the Advanced View v4.5.0:

- When the Coordinator is connected to the NetBotz appliance, its MAC address is automatically added to the commission list.
- The **Auto Join** option in the Wireless Sensor Setup task allows wireless sensors to automatically join and form the wireless sensor network.
- Wireless devices can be added and removed without restarting the wireless sensor network.
- The Wireless Sensor Pod 180 (NBPD0180) now supports the NetBotz Dry Contact Cable (NBES0304).

There are now two ways to configure your wireless sensor network in the NetBotz Advanced View. You can manually add or scan the extended addresses (MAC) of each wireless device, or, once you connect the Coordinator to the NetBotz appliance, use **Auto Join** to allow Routers and End Devices to automatically join and form the network.

## Adding sensors to the network using Auto Join

1. Connect the Coordinator to the NetBotz appliance

**Note:** If you are using the Wireless Sensor Pod 180 as the Coordinator, you must also configure the Coordinator, and identify its serial port ID in the Serial Device Configuration window.

2. Click **Auto Join** in the **Wireless Sensor Setup** task.
3. Click **Start Auto Join**.
4. Click **Close**.
5. Click **OK** to close the Wireless Sensor Setup task and refresh the commission list.

Wireless devices are automatically added to the commission list for five hours, or until the maximum number of devices allowed on the network is reached, whichever occurs first. You can also manually end Auto Join. You can watch the wireless devices join the network in the sensor pane in the Advanced View, and end Auto Join manually once all your devices are listed.

**You cannot start Auto Join when the maximum number of devices has already been reached on the wireless sensor network.**

**Note:** It is best to enable Auto Join on one NetBotz appliance at a time. When multiple wireless networks are in proximity, devices will join the network with the strongest Coordinator signal.

Once you end Auto Join, or the Auto Join period has expired, you can manually add or remove devices from the commission list as needed, without restarting the wireless sensor network. Click Apply Commission List to save your changes.

**You cannot manually add or remove wireless devices while Auto Join is in progress.**

To manually end Auto Join:

1. Click **Auto Join**.
2. Click **End Auto Join**.
3. Click **Close**.

## Radio Frequency Interference

### NetBotz USB Coordinator & Router (NBWC100U)

#### Japan



This radio equipment is accredited in accordance with the Japanese Radio Law Article 38, Section 24(1).

### 工事設計認証書

Certificate of construction type

申請者 Applicant	シュナイダーエレクトリック株式会社
特定無線設備の種別 Type of specified radio equipment	証明規則第2条第1項第19号の無線設備
電波の型式、周波数及び空中線電力 Types of radio wave, Frequency and Antenna power	G1D 2405~2475MHz (5MHz間隔 15波) 0.0007W
型式又は名称 Type of specified radio equipment	NetBotz Wireless Router and Coordinator
認証番号 The number of construction design certificate	010-100154
認証をした年月日 Date of certified	平成27年1月27日 27th January, 2015
備考 Remark	Model Name: NBWC100U

#### Russia



#### Australia



## Radio Frequency Interference, continued

### NetBotz Wireless Temperature Sensor (NBWS100T and NBWS100H)

#### Japan



This radio equipment is accredited in accordance with the Japanese Radio Law Article 38, Section 24(1).

### 工事設計認証書

Certificate of construction type

申請者 Applicant	シュナイダーエレクトリック株式会社
特定無線設備の種別 Type of specified radio equipment	証明規則第2条第1項第19号の無線設備
電波の型式、周波数及び空中線電力 Types of radio wave, Frequency and Antenna power	G1D 2405~2480MHz (5MHz間隔 16波) 0.0008W
型式又は名称 Type of specified radio equipment	NetBotz Wireless Sensor System
認証番号 The number of construction design certificate	010-100153
認証をした年月日 Date of certified	平成27年1月27日 27th January,2015
備考 Remark	Model Name: NBWS100T又はNBWS100H

#### Russia



#### Australia

