

## Introduction

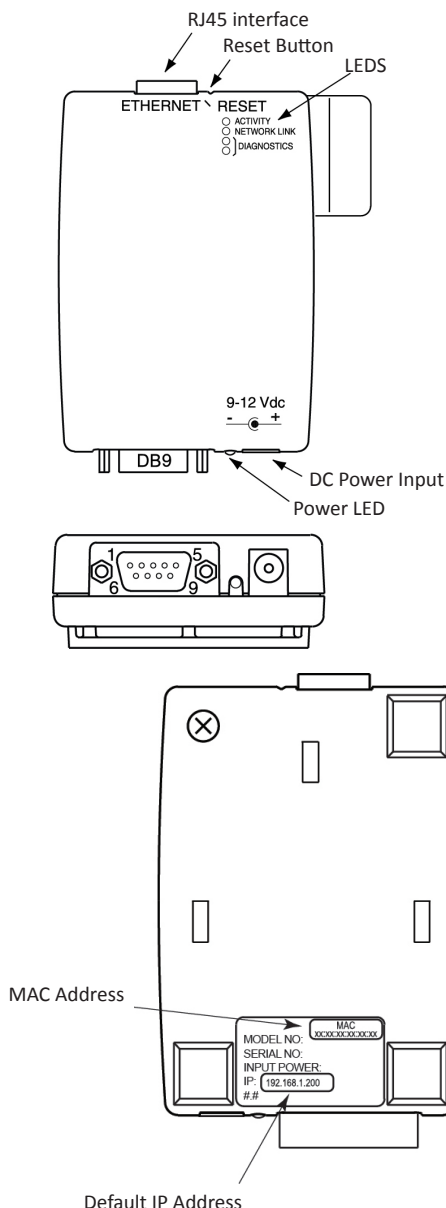
The purpose of this document is to guide a user through the process of performing a firmware upgrade on an iBTHX-W/D model transmitter.

## What is Needed?

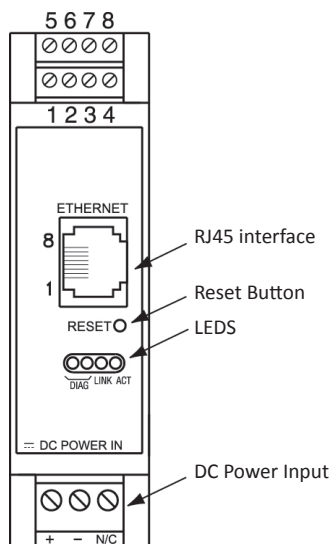
The following materials are required to upgrade the iBTHX-W/D firmware to the latest version:

- An assembled iBTHX-W/D device with power supply
- 1x RJ45 ethernet cable
- A modern PC with a web browser
- An open RJ45 port on the PC or Network Router
- The latest iBTHX-W/D firmware available on the OMEGA website

## iBTHX-W Device Overview



## iBTHX-D Device Overview



## Accessing the iBTHX-W/D Web UI

Depending on whether the iBTHX-W/D is connected to an ethernet router or direct to a PC, refer to either the **Network Router Method** or **Direct to PC Method** below:

### Network Router Method

Ensure the iBTHX-W/D transmitter is powered on. If the iBTHX-W/D transmitter is set to DHCP and connected to a network router, the iBTHX-W/D transmitter will request an IP address from the network router. The user can identify the IP address of the device by navigating to the router client list and identifying the iBTHX-W/D transmitter by its MAC address.

After identifying the IP address, use a PC on the same network as the connected iBTHX-W/D transmitter to navigate to the following web page: <http://X.X.X.X> where X.X.X.X is the IP address assigned to the iBTHX-W/D transmitter.

Once the user is able to access the web UI, follow the steps in the section titled **Navigating to the iBTHX-W/D Web UI**.

### Direct to PC Method

Ensure the iBTHX-W/D transmitter is powered on. If the user will be connecting the iBTHX-W/D transmitter directly to a PC using an RJ45 ethernet cable, the PC's network connection must first be configured with an IP address of **192.168.1.X** (where X is any number from 1-255) that is in the same range of the iServer's default IP address: **192.168.1.200**.

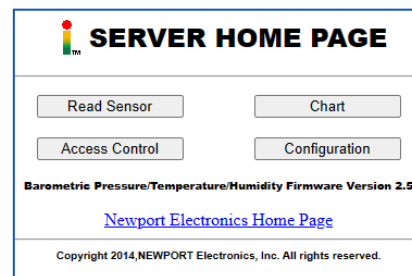
Use the web browser on the PC to navigate to the iBTHX-W/D web UI by entering the default static IP address of the iBTHX-W/D device: <http://192.168.1.200>

Once the user is able to access the web UI, follow the steps in the section titled **Navigating to the iBTHX-W/D Web UI**.

## Navigating to the iBTHX-W/D Web UI

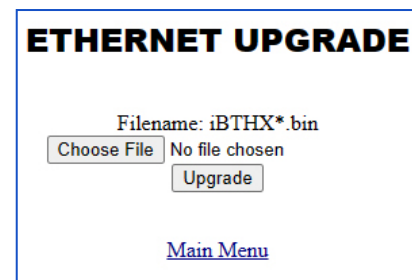
**Step 1:** Log in to the iBTHX-W/D web UI by entering the password.

**Note:** The factory default login password is: **12345678**



**Step 2:** Use the web browser search bar to navigate to: <http://X.X.X.X/ethupgrade.htm> where X.X.X.X is the IP address assigned to the iBTHX-W/D transmitter.

**Example:** <http://192.168.1.200/ethupgrade.htm>



**Step 3:** Click the **Choose File** button to open the File Explorer on your PC, then select the latest iBTHX firmware file.

**Step 4:** Click **Upgrade** to initiate the firmware upgrade process.

**Step 5:** Wait for the firmware upgrade process to complete. A success notification will appear on the screen when the upgrade is complete.

**Step 6:** Refresh the web page and log back in. The new firmware version number will then appear in the web UI.