

# Using the IOX LEDs and Buttons



This section consists of the following topics:

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## Using the LEDs

You can use the IOX LEDs to get an overview of the IOX status and operation. The following figure and table display and describes these LEDs.





Icon	Name	Description
	Power	On (blue) when powered.
	Ready	Flashes on a wink command. Described in Identifying and Testing a Device, on page <a href="#">Testing Devices</a> .

	I/O Activity	Flashes on a wink command. Described in Identifying and Testing a Device, on page <a href="#">Testing Devices</a> .
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## Using the Buttons

You can use the IOX buttons to reset and connect the IOX. The following table describes these buttons.

Icon	Name	Description
	Reset	Press this button to reset the IOX and to <a href="#">perform a factory reset</a> in combination with the Connect button.
	Connect	Press this button to publish the IOX Persistent Data Store (PDS) data to the MQTT broker.

## Performing a Factory Reset

It is necessary to perform a factory reset in an IOX replacement scenario when an old device is replaced with a new one in order to delete configuration files saved in the filesystem. A factory reset can be performed manually using the IOX buttons, or through a telnet session using the `iox_reset` command.

To perform a factory reset manually using the IOX buttons, follow the steps below.

1. Press and hold the **Reset** button.
2. Press and hold the **Connect** button.
3. Release the **Reset** button.
4. Wait 10 seconds.
5. Release the **Connect** button.
6. Perform a wink action to verify device operations. Wink action is described in Identifying and Testing a Device, on page [Testing Devices](#).