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Introduction

Congratulations on receiving your Buzd MiniSensor. As part of our Green Initiative, we do not include printed user documentation with our product packaging. This policy saves paper, lowers shipping costs, reduces carbon emissions and results in a cleaner environment.

Documentation

All product and accessory documentation can be found at the Buzd Support Centre: http://www.buzdanalytics.com/support On this site you will gain access to Buzd technical resources and information about Buzd products. To use your new Buzd MiniSensor you will need to follow the simple steps outlined in the Buzd Dashboard Administrators Guide which you can download from http://www.buzdanalytics.com/support

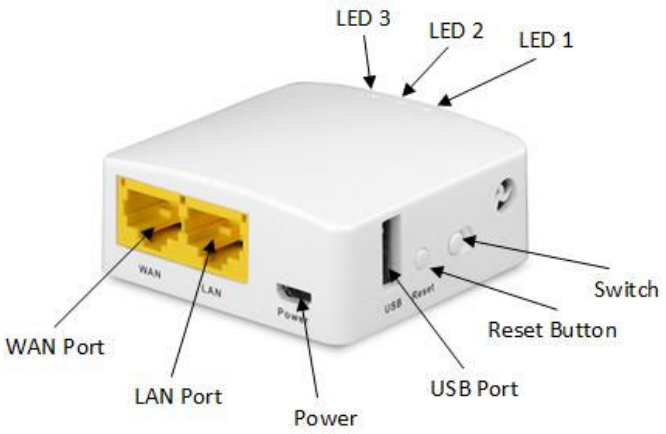
Default System Settings

Product	LAN Default IP Address	LAN Fall-back IP Address
Buzd MiniSensor	DHCP	192.168.0.1

Initial Set-up

Before powering up your Buzd MiniSensor it is important that you have registered the product and it is configured. The Buzd Dashboard is available at http://www.buzdanalytics.net

Operation of the Buzd MiniSensor is controlled through the Buzd Dashboard and the LED lights provide user feedback to its operation.



Power to the Buzd MiniSensor is provided by two methods:

1. Connect the power lead (supplied) to the power adaptor (supplied) and then to the power interface on the Buzd MiniSensor.

   Or

2. The LAN port is Power over Ethernet (POE) capable and can be used to power the Buzd MiniSensor with a POE capable device.

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Once power is provided to the Buzd MiniSensor the LED's will provide status on its operation based on the following:

LED	Indicator	Description
LED 1 (Power)	Green solid	Power is applied
LED 2 (Status)	Green heartbeat (flash flash pause flash flash)	When it has a valid config from the Buzd Dashboard and is working ok (end of boot process and indicates normal operation)
LED 3 (Error)	Red flash (flash flash flash flash)	When it is not correctly set-up and licensed in the Buzd Dashboard
	Red heartbeat (flash flash pause flash flash)	When it does not have a valid config from the Buzd Dashboard. It will continue to attempt to download and after 5 un-successful attempts it will reboot and try again
	Red solid	When a firmware upgrade has been initiated from the Buzd Dashboard and is in progress

The Buzd MiniSensor also has a number of interfaces which are:

Interface	Description
LAN Port	Used to connect the Buzd MiniSensor to an Internet connection and optionally provide power with POE support
WAN Port	Not used
Power	The supplied power adaptor and power cable can be used to the power the Buzd MiniSensor through this interface
USB Port	The Buzd MiniSensor does support 3G/4G capabilities with the use of an external 3G/4G wireless dongle (not supplied)
Reset Button	The reset button can be used to revert the Buzd MiniSensor back to factory defaults. With power applied the reset button when held for 10 seconds will revert the Buzd MiniSensor to factory defaults
Switch	Not used

Customer Support

The Buzd Customer Support website provides online documents and tools for troubleshooting and resolving technical issues with Buzd products and technologies. Access to the Buzd Customer Support website requires a username and password. If you have a valid subscription but do not have a user ID and password, you can request one by emailing support@buzdanalytics.com

By using this product you agree to be bound by the Terms and Conditions listed in the Software License Agreement and Product Warranty Agreement located at http://www.buzdanalytics.com/support/eula

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FCC Statement

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
   (1) This device may not cause harmful interference.
   (2) This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the users authority to operate the equipment.

FCC Caution

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNNING: *The minimum separation generally be used is at least 20 cm, even if the calculations indicate that the MPE distance would be lesser.*