

WATERLOG AMAZON BUBBLER

QUICK START GUIDE

This guide is a brief overview on connecting to the Amazon Bubbler. Refer to the 'Amazon Bubbler Getting Started Guide' for detailed instruction. For additional assistance, please contact our direct WaterLOG support line at +1.937.767.2772 or email support@waterlog.com

1 What's In The Box

Standard Items	Quantity
Amazon Bubbler *	1
Two-position terminal block	1
Five-position terminal block	1
1/8 MNPT to 3/8 tube brass orifice fitting	1
Wi-Fi Adapter	1
USB Cable	1

*display optional



Amazon Bubbler shown with optional display

2 Identify I/O Panel Connections

USB

One mini-B and two USB-A connectors are provided. The mini-B connection allows direct connection to a lap top or tablet where the web user interface can be accessed. The first use of the device cable will require a simple driver to be installed for communication. The driver is stored internally on the Amazon and becomes available when the USB device cable is plugged in. (For specifics on the driver installation see the getting started guide.) After the driver has been installed, a new network connection will be established with the Amazon. This typically occurs within ten seconds. Once the network has been established, open a web browser and navigate to <http://172.20.20.20/> for the web user interface. The two USB-A connectors allow for direct connections to USB flash drives or a Wi-Fi adapter.

Inlet

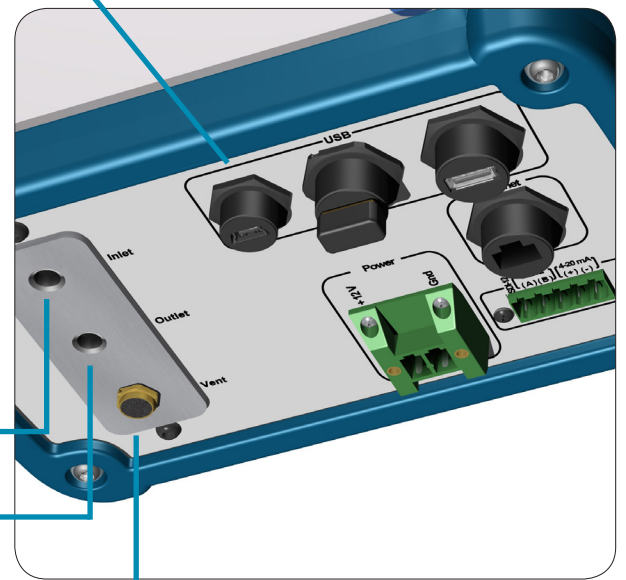
Air compressor intake desiccator connection

Outlet

Brass fitting 1/8MNPT to 3/8 tube for orifice line

Vent

Atmospheric pressure vent



Identify I/O Connections Continued...

Ethernet

The Ethernet port is a 10/100 BaseT port allowing the Amazon to connect to a Local Area Network or a Wide Area Network (Internet). The Ethernet is used for accessing the web interface or for modbus communication.

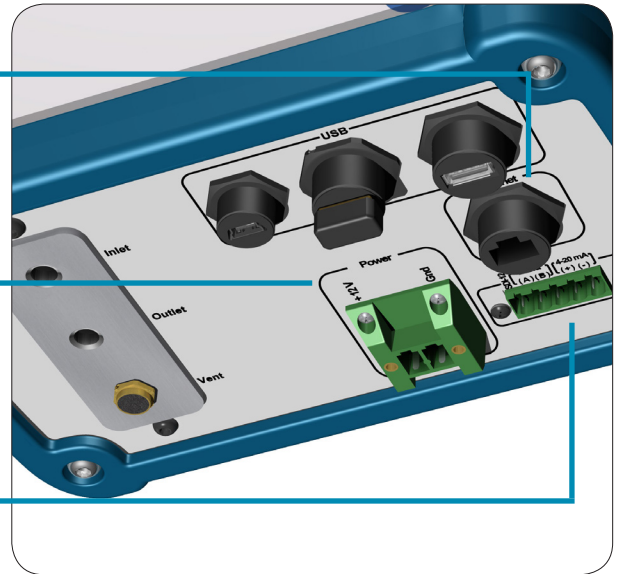
Power

The power input uses a 2 position connector; +12VDC and GRND. The electronics and compressor power is routed from this connection. NOTE : Because of the power requirements the Amazon should only be powered from the sites main power source.

Communication

The communication port uses a 5 position connector; SDI-12 Data, RS-485 A, RS- 485 B, 4-20mA +, and 4-20mA -.

NOTE: When using SDI-12 remember the Amazon and data logger need a common ground.



3 Identify Top Panel Connections

Display and Control Buttons (Display Optional)

The display is navigated by the 4 buttons below it. Enter the main menu by pressing "menu". Move the cursor up and down to see available options. See the option's editable settings by pressing enter. Settings are changed a single character at a time scrolling up or down through available options. Once the setting value is what you want scroll to the right until you leave the editable field and the change is saved.

Cal Button

The Cal button allows the user to verify calibration. (For more details see the Amazon manual.)

Purge Button

Press and hold the button until the LED goes off. This will initiate a purge. The purpose of the purge is to clear out any debris or silt from the end of the orifice line that could cause false pressure readings.

Tank Button

The tank button causes the tank to release its air pressure out the orifice line.

Wi-Fi Button

The Wi-Fi button can be pressed to activate the Wi-Fi signal. The USB Wi-Fi adaptor must be plugged into one of the USB Host ports for the Wi-Fi button to work properly. Navigate to the Wi-Fi networks setting of your Wi-Fi enabled device. Refreshing the list should reveal a wireless connection called Amazon, connect to it. The hotspot connection will typically become available within ten seconds. Open a web browser and navigate to <http://172.20.20/>. The Amazon user interface will appear in the browser window.

