



Data Acquisition Box ("The DAB")

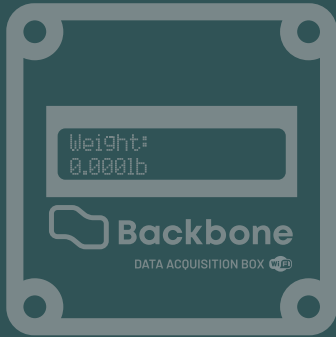
Setup Instructions

Congratulations on receiving your DAB! Follow this quick setup to integrate your equipment with Backbone. **Before plugging in your DAB, make sure to coordinate with your Solutions Architect to have your DAB added to your company's profile.**

1. Plug in the power supply of the router sent with your DAB. Connect the Backbone router to your current ISP router by ethernet cable.
2. Wait for the router light to turn blue.
3. Plug your DAB into any wall outlet and wait for the DAB to connect. The screen will briefly display ****** BACKBONE ****** when it successfully connects to WiFi, then displays **"Weight: N/A"** until connected to a compatible scale. If your DAB display remains blank, it may be unable to connect to the backbone WiFi network. Check the proximity to the backbone router.
4. Configure your device communication settings to send data continuously. See your manufacturer manual's "Print" section for instructions.
5. Plug the RS-232 cable into your scale. DAB should display the same weight shown on the scale. If your DAB continues to display "Weight: N/A" try using the included mini adapter or gender changer, and check the device communications settings of your scale.
6. If necessary, use these settings to configure your scale:
 - Continuous output mode
 - Baud Rate: 9600
 - Data bits: 8 v
 - Parity: none
 - Stop bits: 1

About Continuous Output Mode

- "Continuous output mode" is the setting on your scale used to communicate with the Backbone DAB box.
- This setting is required to take live readings from your scale in Backbone.
- Refer to your user manual, or search for a manual online for instructions to set your scale to continuous output mode.
- Alternate terms for continuous output mode include "continuous print", "autoprint", and "stream mode".
- **Not all scales support continuous output mode.**
- Please reach out to your Solutions Architect or support@backboneiq.com with any specific hardware questions.
- See our recommended hardware list for compatible scales.



DAB Hardware Specifications

Connectivity:	WiFi cloud
Enclosure Rating:	IP67
Temp Rating:	32-122° F (0-50° C)
Inputs:	1 × RS-232 3 × K-thermocouple 3 × digital I/O, pulse output (e.g. flow meter)