



CAUTION! Always use care and wear appropriate PPE when working with chemicals!

1 Install Controller

- Position unit and attach mounting feet.
- Mount and connect to power source.
- Connect Ethernet or Cell-POE device if applicable.

2 Record Sensor Information

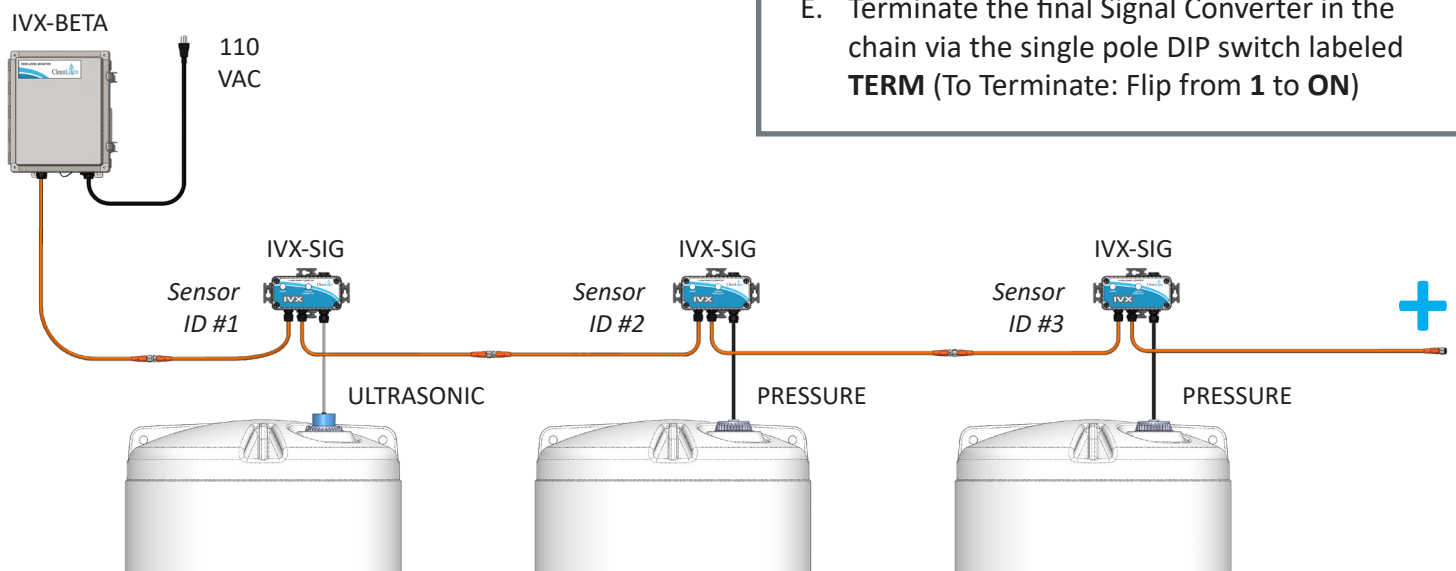
- Open the IVX Signal Converter
- Using the info-graph inside the cover identify the Sensor ID #
- If multiple sensors are to be configured with the IVX unit, each ID must be unique.
- To aid in configuring later, record the following information for each Sensor:
 - Sensor ID #**
Check DIP Switch inside cover
 - Container Name**
 - Container Height**
 - Container MAX Volume**
 - Current Volume Amount**

3 Install Sensors

- Position Sensor in container:
 - Pressure:** Lay on bottom of container or suspended if susceptible to debris. Tighten cord grips on cap to stabilize cord length.
 - Ultrasonic:** Position at top of container, perpendicular to liquid, and away from any obstructions.
- If the Container is equipped with a 2in. NPS opening the included cap can be used to attach and secure the sensor into position.

4 Connect Sensors

- Connect Sensors in a daisy-chain fashion via the IVX Signal Converter using the orange M12 Cable(s).
- Hand tighten the M12 cable connections, then two more clicks using a wrench.
- When Sensors are connected Green Lights will indicate it is receiving power and signal.
- Connect the port cap to the final sensor's cable to seal and complete the chain.
- Terminate the final Signal Converter in the chain via the single pole DIP switch labeled **TERM** (To Terminate: Flip from **1** to **ON**)

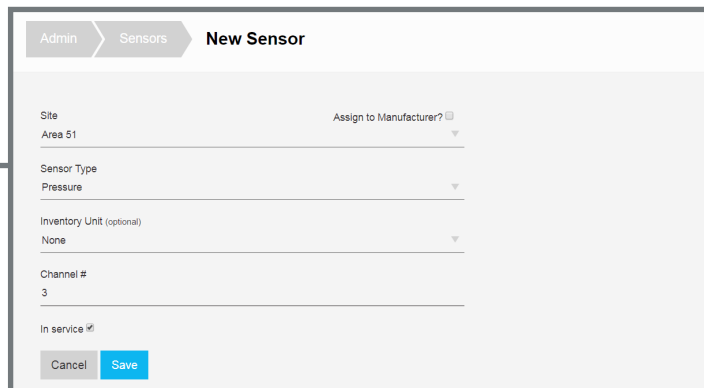




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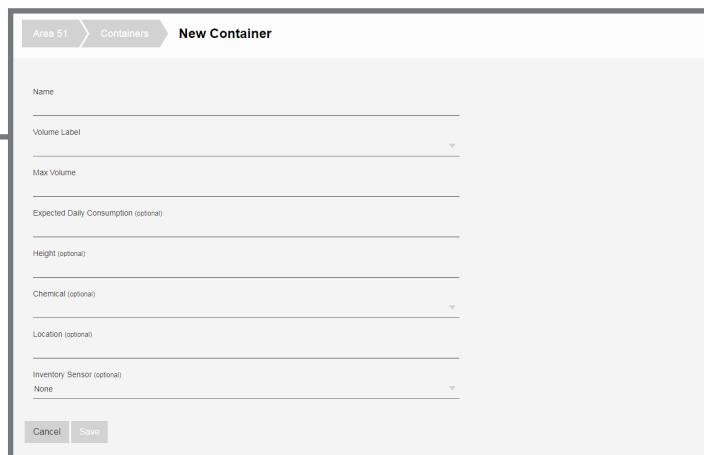
5 Clean Intel - Add Sensors

- Go to **cleanintel.com**, login as an administrator and select **IVX**.
- Open the Sensors page
- Click **New +**
- Enter Sensor details and **Save**



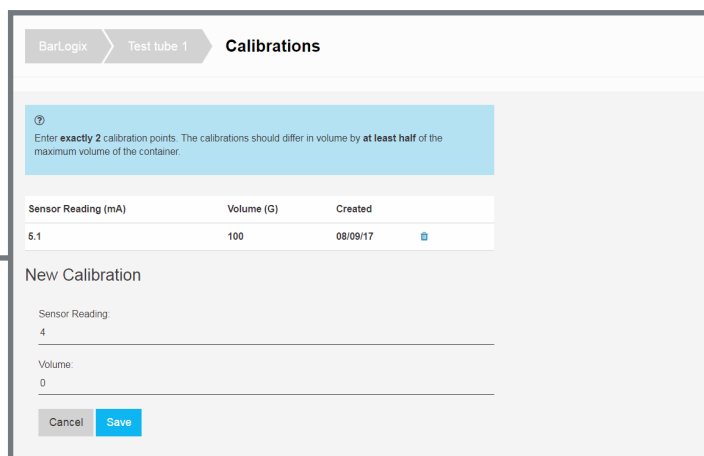
6 Add & Link Containers

- On Clean Intel, select the Containers page
- To add a Container, click New +
- Enter Container details and identify Sensor
- Click **Save**



7 Calibrate

- From the **Containers** page, select a linked Container and Sensor configuration
- Click **Calibrations**
- Click **Add a Calibration Point** and enter:
 - Sensor Reading:** The raw 4-20mA reading from the sensor
 - Volume:** Amount at specified Sensor Reading
- Save** and repeat for a 2nd Calibration point
- For more information on Sensor Specific calibration protocols please reference pages 14-15 of User Manual.



Sensor Reading (mA)	Volume (G)	Created
5.1	100	08/09/17



More Information

Please reference the User Manual provided with product or contact Clean Logix at **(616) 438-9200** or **sales@clean-logix.com**