

EZSLAM

INSTALLATION/SOFTWARE/USAGE

Q: Question

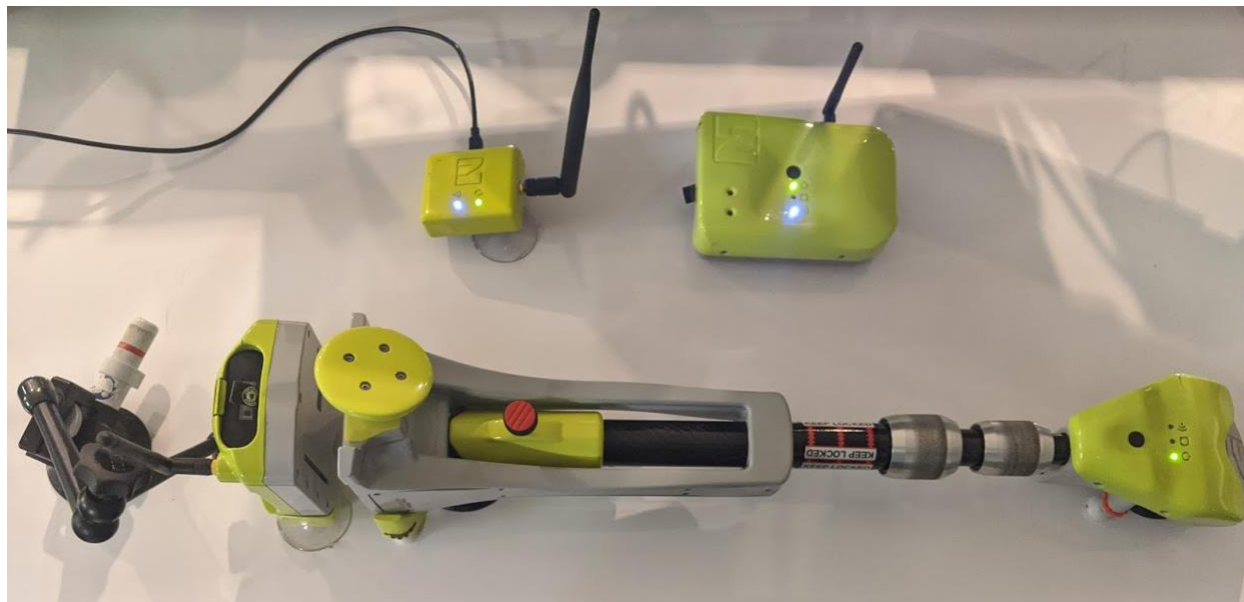
How do I make sure my EZSlam equipment is working correctly?

A: Answer

Connecting the devices to EZSlamX and performing a bench test with live mode is the easiest way to check the functionality of EZSlam equipment.

Step 1) Set up equipment on a desktop or workbench.

The devices can be set up on a sufficiently large surfaces without using suction cups or attaching the device to anything. Set up the devices as shown in the photo below.



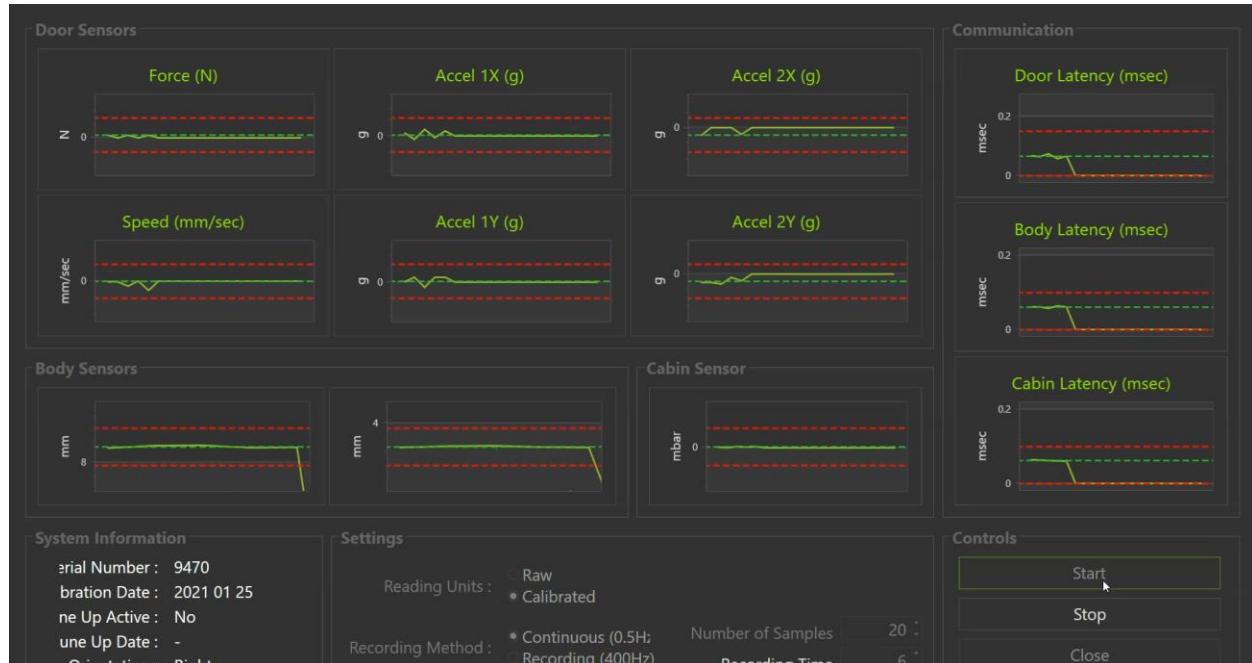
Step 2) Power on the devices and connect them to EZSlamX software.

There is a separate instruction sheet that covers the details of connecting EZSlam equipment to EZSlamX.

Step 3) Start a Live Mode test in EZSlamX and check the data coming from each sensor of the device.

See CH01 Live Mode for the screen view of a Live Mode test.

To start a live mode test go to the Settings tab and click on Live Mode. This will bring up the live mode window with a graph space for each data stream coming from the EZSlam equipment. Select the Continuous option in the bottom middle of the screen then start the test. Data should start showing up in the graphs indicating the device is sending data.

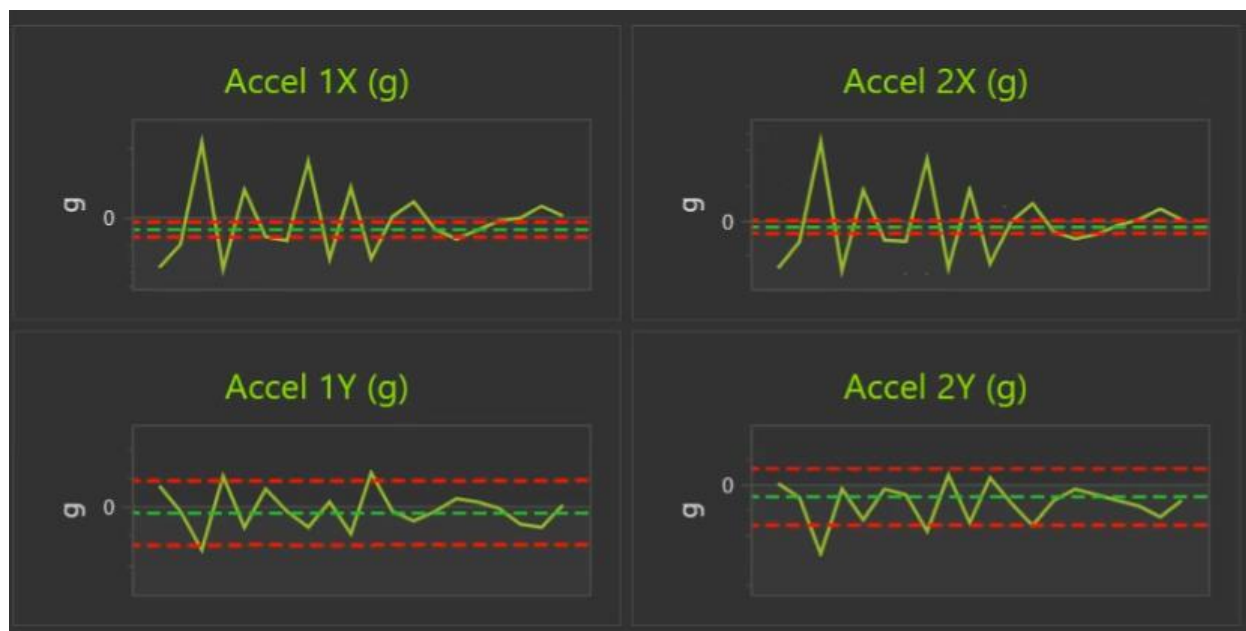


Test the Force Sensor by pushing and pulling on the Force Handle. The Force(N) graph should change with the force.

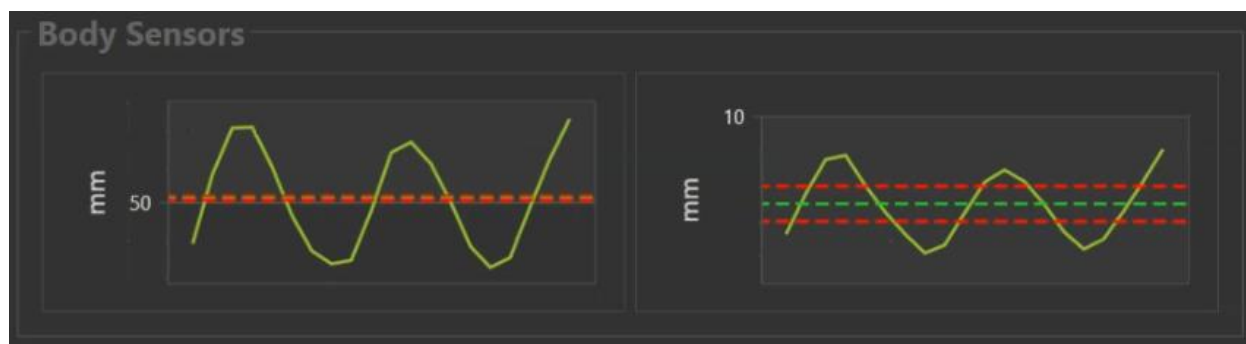




Test the Accel 1X, 2X, 1Y, and 2Y graphs by lifting and lowering the device by the Force Handle. The Speed graph should also show data.



Test the Body Sensors graphs by shining the lasers from the Door Unit into the windows of the Body Unit. Lifting and rocking the Door Unit back and forth will accomplish this.



Test the Cabin Sensor by blowing into the holes on the top of the device. Alternatively, place the Cabin Sensor inside a car's cabin on the seat and shut the door normally. The car should be within connection range of the base unit. Connection range is approximately 1-2 meters. The device should show a peak from the test.