

Sensor Replacement Instructions

The iDimension LTL, LTL-XL, PWD and iDimension Flex products use remote IFM® sensors to measure the freight dimensions. Replace faulty sensors with the sensor from the dimensioner's replacement parts list that corresponds to the product.

Remove the Sensor

1. Remove the power and ethernet cables to the sensor.
2. Loosen the bolt in the rod mount.



NOTE: Leave the rod attached to the shield mount.

3. Remove the IFM sensor assembly and rod mount from the rod that is mounted to the shield.

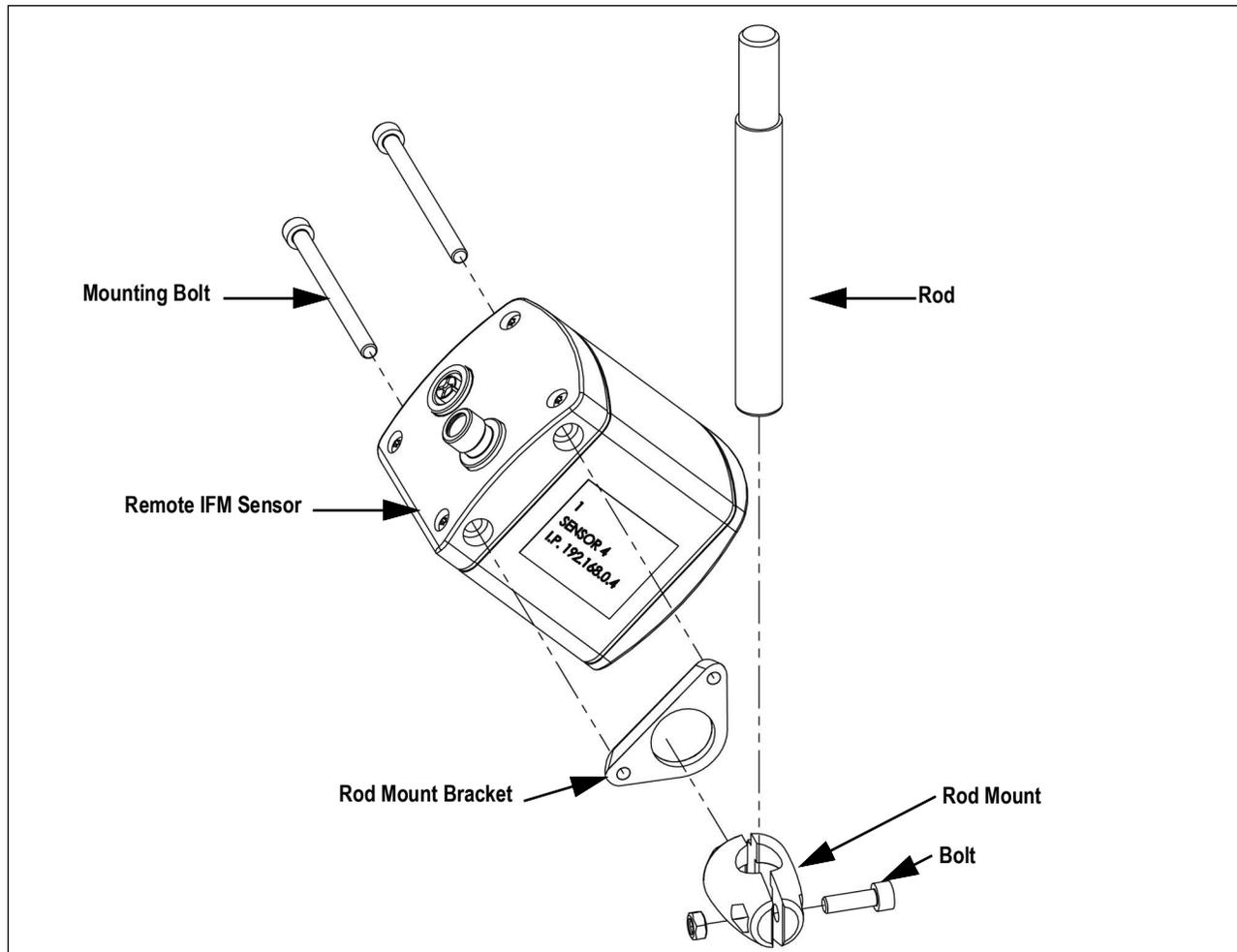


Figure 1. Remote IFM Sensor Assembly

4. Remove the rod mount from the rod mount bracket.
5. Remove the sensor mounting bracket from the sensor per the remote IFM sensor instructions provided with the unit.

Replace the Sensor

1. Secure the sensor mounting bracket to the sensor by following the remote IFM sensor instructions provided with the unit.
2. Insert the two halves of the rod mount into the rod mount bracket.
3. Slide rod into the rod mount.
4. Tighten bolt to secure rod.

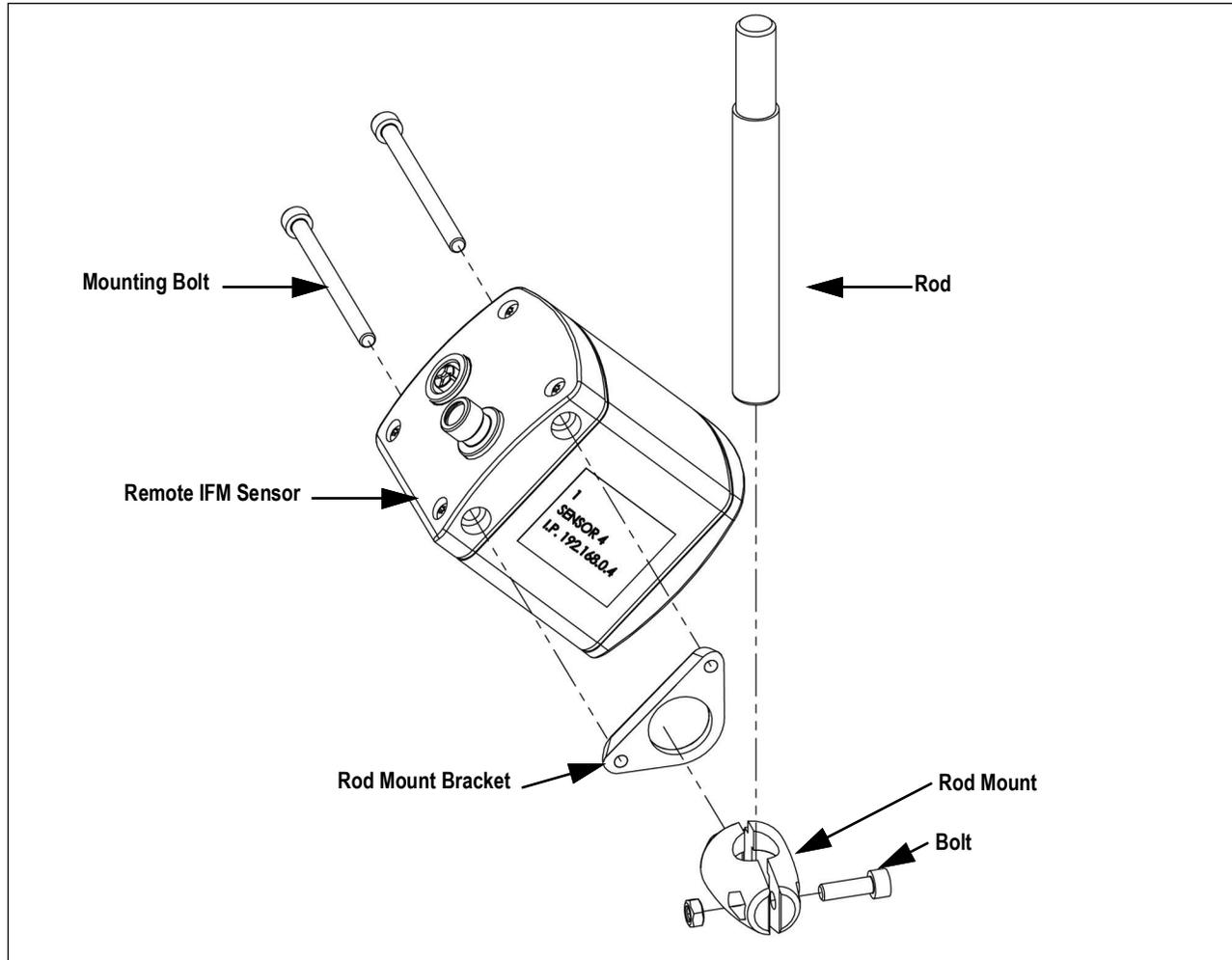


Figure 2. Remote IFM Sensor Assembly



NOTE: Orient the sensor downwards with the power connector pointing toward the sensor shield.

5. Connect the power and ethernet cables to the sensor.

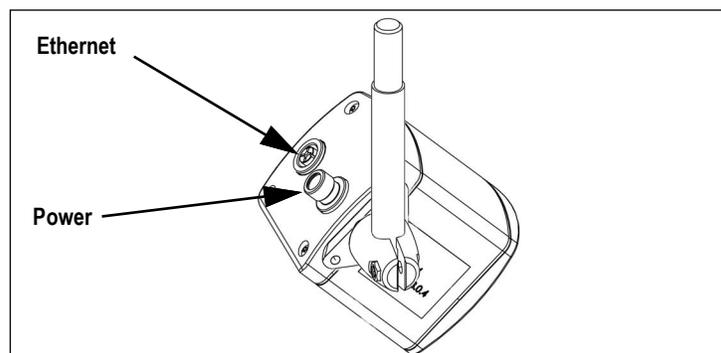


Figure 3. Remote IFM Sensor Wiring

Set Up Sensor

To add the installed sensor to the QubeVu Manager, perform the following procedure:

1. Select  **Admin Tools** from the **QubeVu Manager** menu.

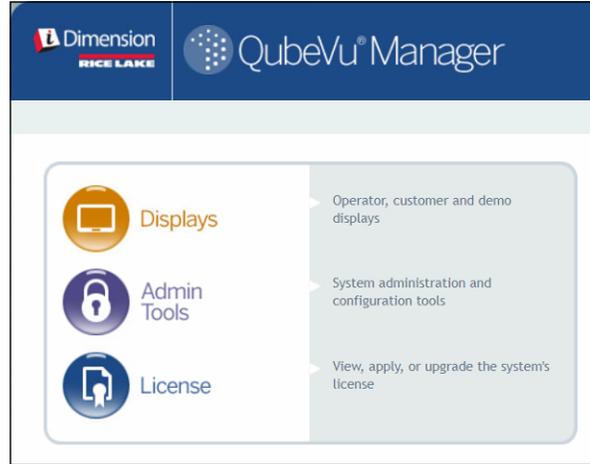


Figure 4. QubeVu Manager Home Page

2. The QubeVu Manager login screen displays. Enter account credentials.



NOTE: The default username and password are admin and password.

3. Select  **Setup** from the **Admin Tools** menu.



Figure 5. Admin Tools Menu

4. Select  Measurement Settings from the **Setup** menu



Figure 6. Setup Menu

5. Select the **Sensor List** tab.

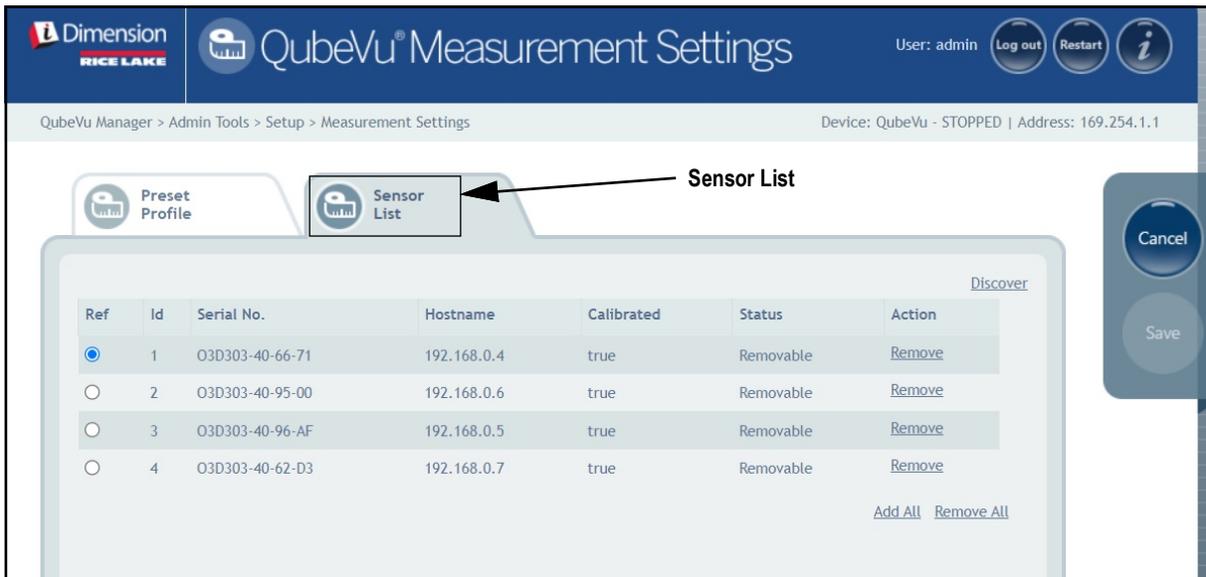


Figure 7. Sensors List

6. Select **Discover**. System scans for new sensors. The status of the sensor that has been removed displays as **Disconnected**. The status of the newly installed sensor displays as **Available**.
7. Select **Remove** to remove the disconnected sensor from the list of sensors.
8. Select **Add** to add the newly installed sensor to the list of sensors.

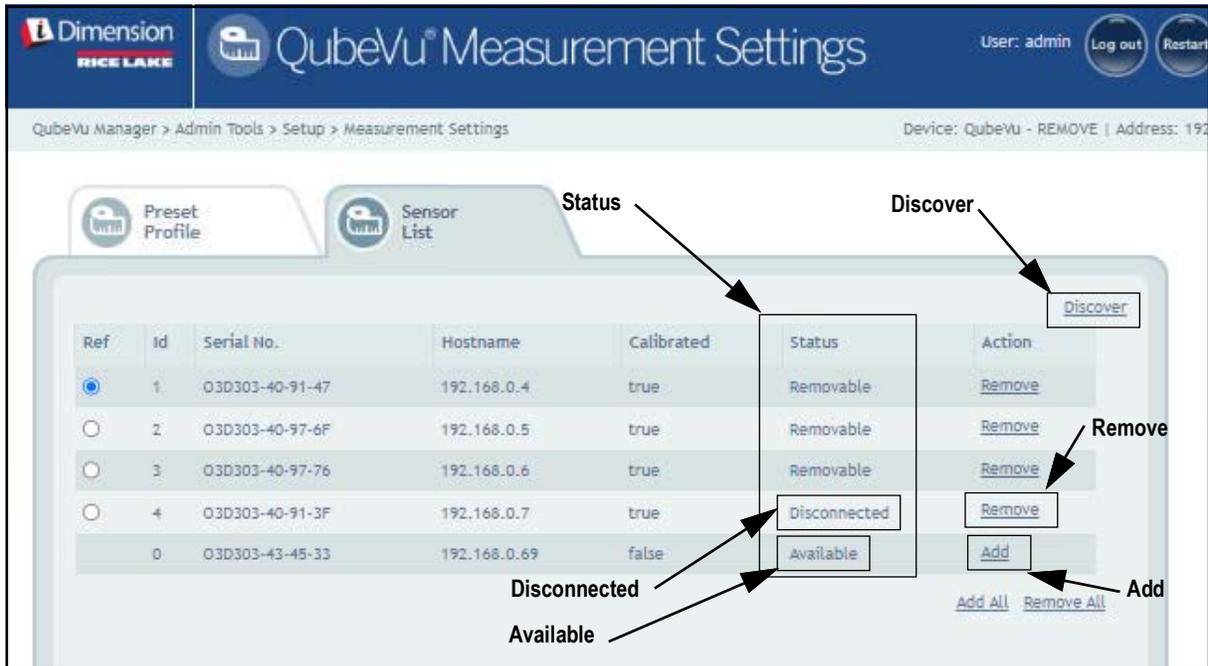


Figure 8. Sensors Discovered

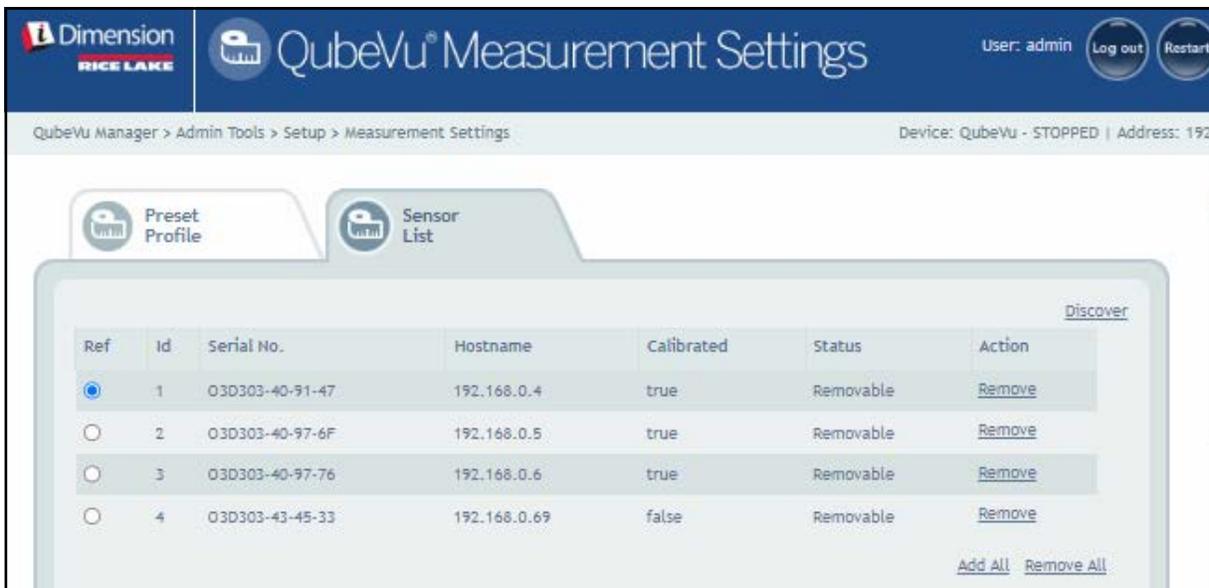


Figure 9. New Sensor Added and Ready for Calibration

9. Calibrate the sensors according to the iDimension QubeVu Administrator Guide (PN 221652).



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