iDimension® LTL, LTL-XL, PWD and Flex Dimensioners 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 <u>admin</u> and <u>password</u>.

3. Select Setup from the Admin Tools menu.



Figure 5. Admin Tools Menu



iDimension LTL, LTL-XL, PWD and Flex Dimensioner Sensor Replacement Instructions



Figure 6. Setup Menu

5. Select the Sensor List tab.

vu mana	iger > Ad	imin Tools > Setup > Measure	ement Settings	Device: QubeVu - STOPPED Address: 169.2			
8	Prese Profil	t e	Sensor List	S	iensor List		
						Discover	
Ref	ld	Serial No.	Hostname	Calibrated	Status	Action	
		030303-40-66-71	192.168.0.4	true	Removable	Remove	
۲	1	030303-40-00-71					
•	1	O3D303-40-95-00	192.168.0.6	true	Removable	Remove	
 <	1 2 3	O3D303-40-95-00 O3D303-40-96-AF	192.168.0.6 192.168.0.5	true	Removable Removable	Remove Remove	

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.

/Vu Mana	ger > A	dmin Tools > Setup > Measi	vrement Settings		Devi	ice: QubeVu - REN	AOVE Addi
0	Prese Profi	et 🚱	Sensor List	atus	Disc	over	
Ref	Id	Serial No.	Hostname	Calibrated	Status	Action	Discover
					100	Service States	
۲	1	030303-40-91-47	192.168.0.4	true	Removable	Remove	
•	1.	03D303-40-91-47 03D303-40-97-6F	192.168.0.4 192.168.0.5	true	Removable	Remove Remove	∕ Remo
 0 0 	1 2 3	03D303-40-91-47 03D303-40-97-6F 03D303-40-97-76	192.168.0.4 192.168.0.5 192.168.0.6	true true true	Removable Removable	Remove Remove Remove	Remo
 0 0 0 0 	1 2 3 4	03D303-40-91-47 03D303-40-97-6F 03D303-40-97-76 03D303-40-91-3F	192.168.0.4 192.168.0.5 192.168.0.6 192.168.0.7	true true true true	Removable Removable Removable Disconnected	Remove Remove Remove	Remo

Figure 8. Sensors Discovered

Dimen	sion	읍 Qube\	/u®Measure	ement Se	ttings	User: admin	ut) (Re
ubeVu Mana	iger > A	dmin Tools > Setup > Measu	Devi	ce: QubeVu - STOPPED Ar	ddress.		
6	Prese Profi	et 🕞	Sensor List				
						Discover	
Ref	Id	Serial No.	Hostname	Calibrated	Status	Action	
۲	1	030303-40-91-47	192.168.0.4	true	Removable	Remove	
0	2	03D303-40-97-6F	192.168.0.5	true	Removable	Remove	
0	3	030303-40-97-76	192,168.0.6	true	Removable	Remove	
0	4	03D303-43-45-33	192.168.0.69	false	Removable	Remove	
						Add All Remove All	

Figure 9. New Sensor Added and Ready for Calibration

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



© Rice Lake Weighing Systems Content subject to change without notice. 230 W. Coleman St. • Rice Lake, WI 54868 • USA USA: 800-472-6703 • International: +1-715-234-9171

www.ricelake.com