

FLUKE®

Reliability

Quick Guide and Checklist

Fluke 3562 Sensor system and 3504 Wireless Gateway

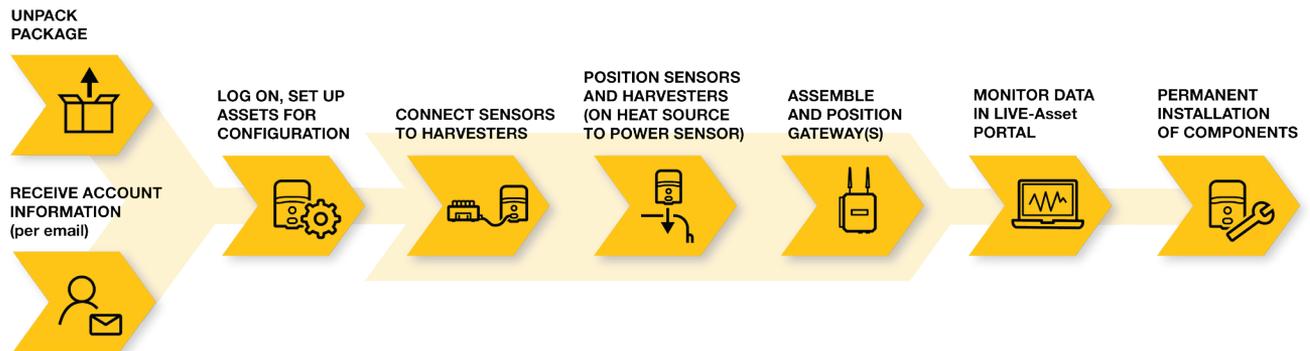


Quick Guide and Checklist

Fluke 3562 Sensor system Installation

Steps to follow:

- ✓ **Step 1: Unpack the product**
- ✓ **Step 2: Log on and Create an account**
- ✓ **Step 3: Configure Asset Groups and Assets**
- ✓ **Step 4: Commission sensors and gateway**
- ✓ **Step 5: Position/install sensors, harvesters, and gateways**
- ✓ **Step 6: Evaluate readings remotely**



Step 1 Unpack the Product

Carefully unpack all items from the box.

1. Connect your sensor to a Thermoelectric (TEG) Harvester.
2. Find a heat source that has a more than -9°C (15°F) temperature differential to the ambient temperature.
3. Place the TEG harvester on that heat source to begin charging the sensor.

Description 16KIT	Quantity
3562 Screening Vibration Sensors	16
Thermoelectric harvesters	16
1-ft USB-C 3.1 MTS Cables	16
Screening Vibration Sensors Software Subscriptions	16
3504 Wireless Gateway	1
Gateway Power Cord	1
Gateway Antennas	2
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Before you install:



Important: For a successful setup, follow the sequence in these instructions. Do not install sensors/gateways until the end.

Step 2 Create a LIVE-Asset™ Portal account

Your Customer Success Manager will assist you in creating an account and add your sensors to your account. To access your account, go to www.portal.live-asset.com.



Call: 425-200-0080 for more information.



Email: LiveAssetSupport@fluke.com

Step 3 Setup groups, assets, test points

Your Service team member will assist you in configuring you Asset Groups and Assets in LIVE-Asset Portal.

To define the test points:

1. Create an Asset Group
 - a. Site (location) name. For example: Plant 1
 - b. Option to add a subgroup to your location. For example, this could be a Building name in the plant or a room
2. Add an Asset and fill in Asset Details
3. Add Components to your new asset
4. Add Test Points to your new asset
 - a. Click "Add test point"
 - b. Choose "3562 Screening Vibration Sensor"
 - c. Fill in Test point details

Step 4 Commission sensors and gateway

During the Test Point configuration, you will assign a sensor to the test point.

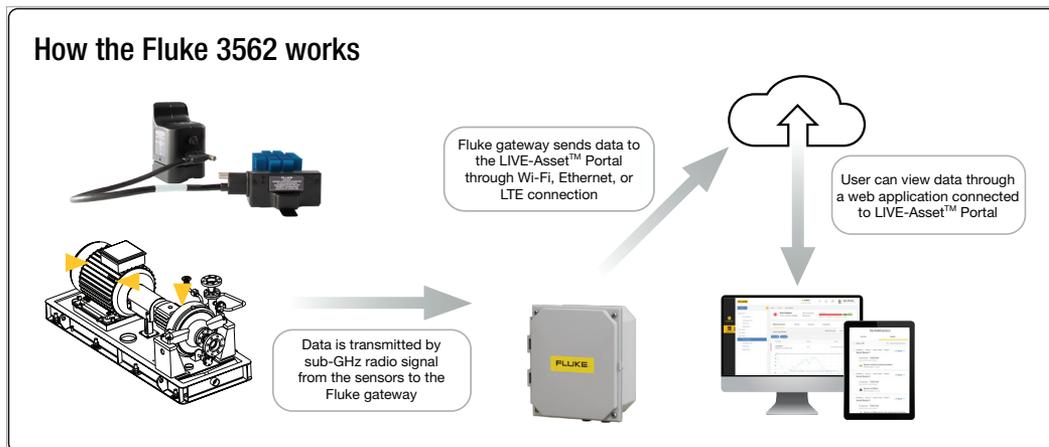
1. Select a serial number from the drop down under the "Assign Sensor" section. Your sensor is now paired to your test point.
2. Add your Tasks & Alarms for Overall Vibration measurements and temperature

Step 5 Position/install sensors, harvesters, and gateway

1. Connect the gateway antennas to the gateway and plug in the power cord to the gateway and an outlet.
 - Make sure the gateway is within range of all the machines you are applying sensors too.
2. Move your sensors from where they were charging to the machine they will be monitored. Make sure the sensors you've assigned to a specific machine are at that machine.
3. Mount the sensor
4. Mount the TEG Harvester
 - Identify the hottest location on the machine or the motor driving the machine to be monitored; for optimal harvesting, place the harvester at this point.
 - Bend the metal tabs down on the underside of the TEG harvester to provide stability along curved machine sides.
5. Mount the Photovoltaic (PV) Harvester (when applicable): If the thermal harvesting source is insufficient, a PV harvester is used as a supplemental harvesting source. Both the indoor and outdoor PV harvesters connect using the same custom USB-C cables.
 - Connect the PV harvester directly to the TEG harvester
 - Angle the PV harvester to maximize direct light to the PV cells once secured to the surface of the machine.

Step 6 Evaluate readings remotely

Visit LIVE-Asset Portal to begin viewing data from the sensor and tracking asset health.



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