



# ShiraTech Installation Guide (POE)

## About ShiraTech-Knowtion

ShiraTech Knowtion is an AI company with special expertise in predictive maintenance and condition monitoring technologies. We combine extensive sensor-driven data monitoring with multi-layered artificial intelligence to ensure your equipment operates continuously with maximum efficiency at minimal cost.



Collecting data  
in a non-intrusive  
manner



Predicts and early  
detects equipment  
failure



Provides  
actionable  
insights



Allows real-time,  
informed decision-  
making



Increase  
factory yield

## Our Solution

We have created a secure, flexible, Plug & Play solution designed to work with a variety of equipment types and working conditions. Our solution includes:

- Non-Intrusive, Plug& Play multi-sensors including vibration, magnetic field, temperature, and sound sensors with Edge analytics capabilities for machine learning and anomaly detection
- Analytics software enabling:
  - Sensor data collection
  - Data visualization
  - Sensor management
  - Data access API
  - Alert management
- Success management services to ensure a smooth and effective onboarding process

## iCOMOX™ / Device

A multi-sensor box produced by Shiratech-solutions. Multiple iCOMOX™ devices can monitor a single asset or process, uploading multiple physical readings to the cloud for analysis.

# ShiraTech Installation Guide

## Installation Kit:



iCOMOX™



Waterproof coupler



POE switch



LTE router



Power supply

### Installation kit:



\*\* The kit does not include the network cables and the electricity cable

## Installation instructions:

### 01

Connect the metal plate to the motor/pump (use glue in a flat and strategic place to identify faults)



### 02

On top of the mounted metal plate connect the iCOMOX™ - attach it with screws on both sides



