

Description

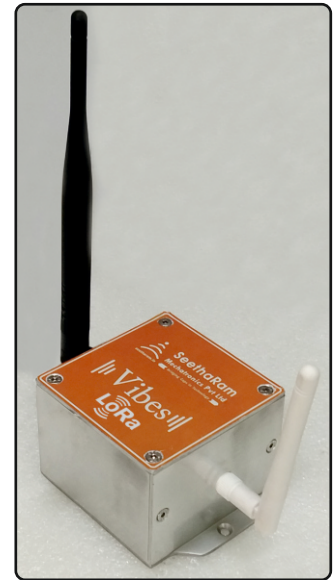
Most LoRa networks require a gateway that can relay messages between end-devices and a central network server. Vibes LoRa is an industrial IoT gateway for LoRa network deployment in several use case. A single gateway can access several LoRa Sensor nodes for varied transmission periods and data lengths. It can connect to the network server through Wi-Fi router and relay all the sensor data to the cloud. Vibes Lora Gateway is powered by USB-C power supply. The connected sensors and server credentials can be registered on the Gateway through a Mobile App over Wi-Fi

Features

- ✓ Support LoRa Rx & Wi-Fi wireless Tx function, comply with IEEE 802.11b/g/n,
- ✓ High-reliability and high-protection industrial grade equipment with IP54
- ✓ Setup and Connectivity over Wi-Fi

Specification

Vibes Lora Gateway	
Controller	32 Bit RISC controller
Wi-Fi	2.4~2.4835GHz,
Wireless Transmission	LoRa / Wi-Fi
Power Supply	USB-C Supply
Working Environment	
Operating Temperature	-40°C~+85°C (WiFi -10°C~+50°C)
Storage Humidity	-40°C~+85°C (WiFi -40°C~+70°C)
Operating Humidity	10% to 90% RH non-condensing



Application Areas

- ✓ M2M, IoT, Wireless sensor network
- ✓ Wireless water meter, electric meter, gas meter,
- ✓ Remote centralized meter reading
- ✓ Industry 4.0, Industrial equipment monitoring
- ✓ Smart agriculture, smart city
- ✓ Street light control management system
- ✓ Logistics, Port
- ✓ Wireless alarm and security system

Vibes|| - Lora Gateway Use Case Visualization

