

### INTERNETLESS OPERATION

Platform can be used at the locations with no internet service by using local wireless communication such as WiFi or RF communication.

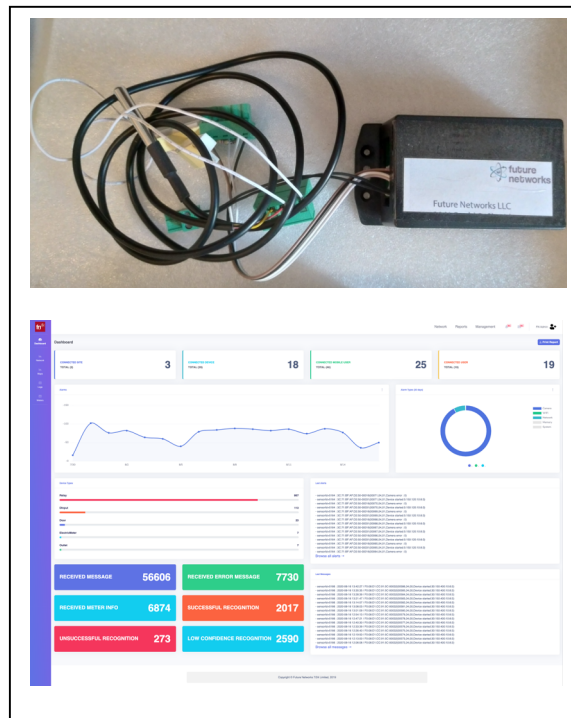
### RF-LORA SUPPORT

For the remote sensor communication requirement, RF communication standard Lora is used up to 2km distance.

### REMOTE MANAGEABLE

Remote support can be provided by using remote management unit, sensors can be monitored and their firmware can be upgraded.

## Environmental Sensors



- Temperature, humidity, on/off switch etc. environmental sensor works with the FnIoT Cloud platform

- WiFi or RF-Lora communication can be used for cloud communication.

- Durable components for difficult construction environments.

- Designed for industrial environment temperature requirements.

- Internal battery can provide up to two years based on application requirement

This sensor is designed to measure environmental data such as temperature, humidity, or on/off switch status.

Cloud communication can be achieved via WiFi connection or RF-Lora link for distances of up to 2km.

This sensor can be used as a single device, or multiple sensors can be used in different scenarios, such as triggering temperature measurement with the on/off switch.

- 2.4GHz WiFi connection
- Battery powered operation
- -40°C to 85°C operating temperature range
- Single or multiple sensor support
- 5V power supply
- 868Mhz and 433Mhz frequencies supported for different country requirements

### CLOUD SERVICE

FN IoT platform provides management service via cloud based software and servers.

### ZERO DOWNTIME

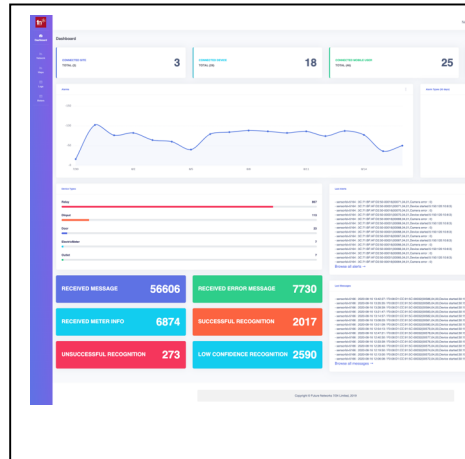
Servers are located on the one of the biggest data center service providers of the world which has infrastructures in USA and EU.

### TURNKEY SOLUTIONS

Future Networks provides turnkey solutions for various industries, including edge sensors and cloud based management platform.

For more information on any of our products or services please visit us on the Web at:  
[www.fniot.net](http://www.fniot.net)

## End-to-End IoT Solutions



Management platform for field operation teams, for monitoring and managing IoT gateways, sensors and operation teams on the field;

- AI module can recognize images sent by visual sensors
- User groups can be defined for responsible for specific regions
- Each group can monitor and get reports for their region only
- Reports can be generated based on dates and/or regions
- Reports can be e-mailed to region field team members
- Automatic upgrading for edge devices firmware via management platform

Web based management console for monitoring and management of the gateways, sensors and mobile teams

## Standard and Scalable

- Industry standard Linux platform, provides;
  - Multiple server configuration for scalability and redundancy
- - Web based control center
  - REST API support
  - SMS / E-Mail/Apple & Google Push
- Notification support
  - Configurable end-points by gateways
  - Alarm map
- - Mobile payment support
  - MySQL database

### Sensor Types

- RTK Vehicle Device
- RTK Mobile Handset
- Distance Sensor
- Angle/Tilt Sensor
- Rotary/Length Sensor
- Visual/Metering Sensor
- Environmental Sensors
  - Temperature sensor
  - Humidity sensor
  - Switch sensor



### DISTRIBUTOR

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