

INTERNETLESS OPERATION

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

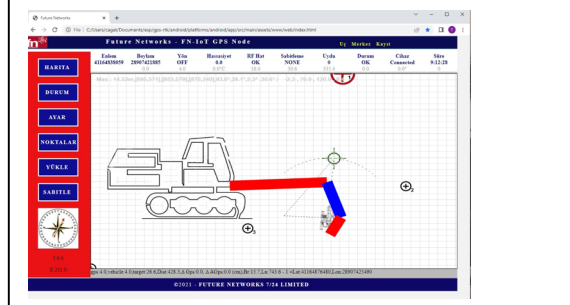
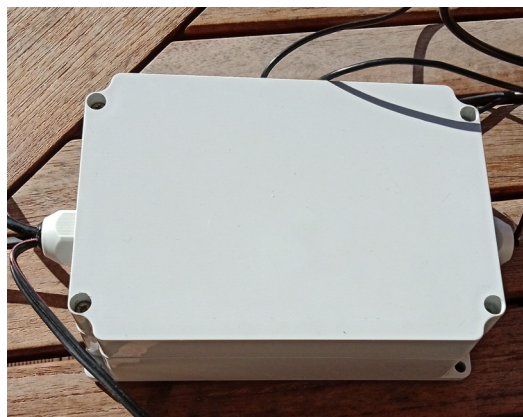
RF-LORA SUPPORT

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.

Base Station



This base station is designed to broadcast RTK correction data via RF-Lora link for environments without internet and no public or commercial caster available in a 10km range.

Location coordinates of the base station can be provided directly, or the base station can be configured to survey mode to log RINEX data up to 24 hours. The base station must be within Wi-Fi range of the survey recording unit.

After the initial setup, the device can operate without any administrative needs.

- RTK Base station for vehicle units .
- Internetless operation with RF-Lora link.
- Supports multiple vehicle by using RF broadcast feature.
- Supports 24 hours surveying for RINEX raw data logging for prices base station logging with the external data storage unit connected via wireless communication.
- Receive vehicle unit responses via RF link and forwards to the cloud platform if there is internet connection available
- 2.4GHz Wi-Fi connection
- 24-hours survey mode
- -40°C to 85°C operating temperature range
- Multiple vehicle support
- 12-24V and 220VAC power supply
- 868Mhz and 433Mhz frequencies supported for different country requirements
- L1/L2/L5 GPS bands

CLOUD SERVICE

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

ZERO DOWNTIME

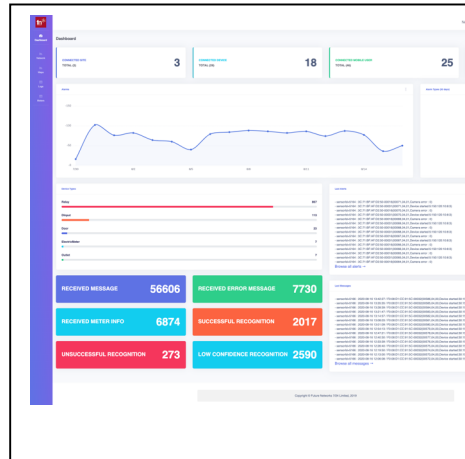
Servers are located on the one of the biggest data center service providers of the world which has infrastructures in USA and EU.

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:
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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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