

INTERNET CASTER

Platform can be used with the industry standard Ntrip casters via internet connection

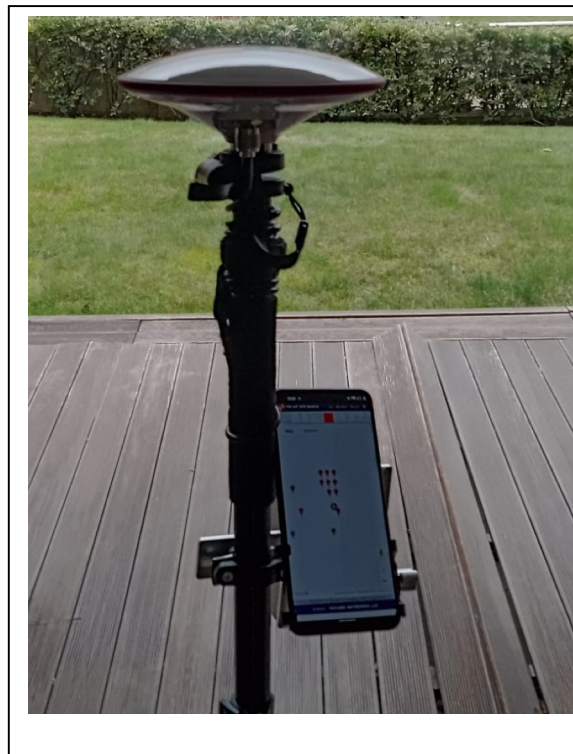
RF-LORA SUPPORT

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.

Mobile Handheld Unit



This mobile RTK GNSS handset is designed to meet the centimeter-level high precision requirement of various industries. It is battery-powered and used with a smartphone GPS application, connected to Future Networks IoT cloud platform.

The device can record coordinates and can be used to find pre-defined project coordinates. Recorded coordinates can be copied and sent via any mail or messaging application. Additionally, these coordinates are recorded by the cloud platform and can be accessed via the internet.

- Cantimeter level, RTK GNSS handheld device.
- Compatible with the industry standard Ntrip casters.
- Supports L1/L2 and L5 GPS bands.
- Android and iOS applications.
- 12 hour internal battery with external USB power bank support
- Real-time coordinate conversion to different standards
- Wi-Fi and Bluetooth connection support
- 2.4GHz Wi-Fi wireless connection
- BLE server mode for maintenance and setup
- -40°C to 85°C operating temperature range
- 2cm precision
- 5V power supply
- L1/L2/L5 GPS bands
- Android and iOS applications
- User phone and hotspot is used for efficiency

CLOUD SERVICE

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

ZERO DOWNTIME

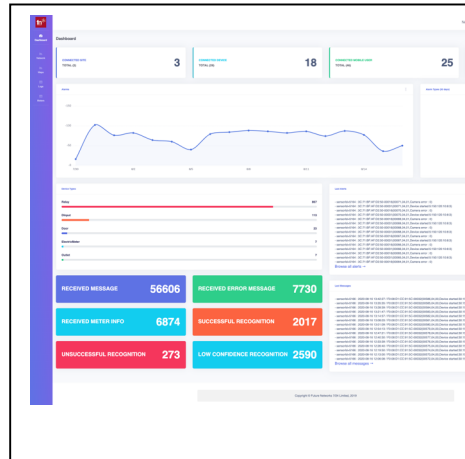
Servers are located on the one of the biggest data center service providers of the world which has infrastructures in USA and EU.

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

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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