

# Remon® - Remote Monitoring & Local Telemetry

**Affordable remote security and monitoring for your boat that also provides comprehensive telemetry when on-board**

## REMON®

A brand registered to develop **RE**remote **MON**itoring solutions, using best-fit technologies from the Internet of Things.

## CELLULAR CONNECTION

2G, 3G, NB-IoT, LTE-M

## LOW-POWER RADIO

LoRaWAN as a license-free alternative to cellular. Boats talk through a marina gateway to the internet >10km

## WIRELESS SENSORS

More than 10 year battery life, versatile sensor/actuator device. Simple to install, connects to controller over secure low power radio using global standard LwM2M protocol.

## WEB CONSOLE

Cloud-based secure platform provides access via web-browser

## DATABASE & DASHBOARD

Secure database stores every sensor reading and actuator action to enable assessment of trending data – slow leaks, failing battery, etc.

For more information, contact:

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**If you own a boat moored remotely**, you will naturally have concerns about security and damage. REMON® will constantly monitor the status, notify issues by SMS text straight to your mobile phone and maintain a detailed log accessed securely via a web browser. REMON® provides a comprehensive and secure solution to provide peace-of-mind.

- Wireless sensors & actuators - battery-powered or self-powered with up to 10 years operation.
- A cloud-based secure remote view of the status of your boat at its mooring
- View immediate and trending data – check what happened over 24 hours, 1 week, 28 days, etc.
- Accessible from anywhere in world via a web browser
- Secure access via username and password

Detect intruder, collision, leak, fire, smoke, excess heat, rainwater ingress, slow discharge of battery, build-up of flammable gases, etc.

Instant notification of alerts by SMS, Twitter, Facebook Messenger - even automated voice messages direct to your phone

Automatic control of alarms, pumps and fans.

Access to information that is important from anywhere via a web-browser

Gather telemetry from REMON® GPS, accelerometers, together with on-board wind speed, direction, depth sensors to give full status and record for playback after the voyage

**When sailing**, the REMON® boat controller can provide telemetry direct to a smartphone or tablet. REMON® has its own GPS to provide location, bearing & speed over water.

Integrate available information via RS232 using standard NMEA message format from existing navigation equipment, such as wind, depth and AIS.

Simply connect your smartphone or tablet to REMON® WiFi and open the REMON® app on-board via a web browser to show all data on one screen.

The REMON® app on-board also shows sensor data and management of sensors/actuators; enables controller configuration; firmware update. Use smartphone internet access to upload data logs and track progress.

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