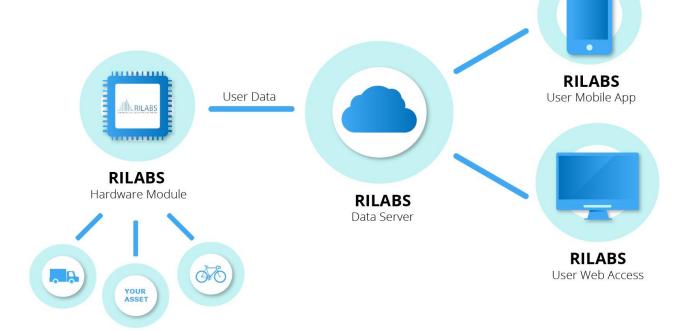
AGRILA

AGRILA - Modular IoT Sensor Station for Smart Agriculture



Introduction

- Internet of Things company. We provide an in-house developed platform, that facilitates the transformation of analog assets and businesses into digital, smart, connected counterparts.
- Our main office is located in Sofia, Bulgaria and our hardware development team and production is based in Blagoevgrad, Bulgaria



AGRILA Features

- AGRILA sensor stations consist of a set of soil and weather sensors, solar panel, radiation shield, modular mechanical construction and a smart communication box with cellular data transfer and a battery.
- The sensor stations measure and transfer data to the AGRILA cloud via a GSM connection. The data can be transferred to an external cloud via a REST API.
- AGRILA is delivered in a preinstalled condition. The only effort needed by the client is to mount the specially designed mounting tripod.
- AGRILA sensor stations are rugged for the special needs of agriculture environment.
- AGRILA sensor stations and cloud services are provided as a white label building block. The communication module can be branded according to the specific requirements.



AGRILA sensor station

- AGRILA sensor stations are solar powered, out of the box, waterproof, rugged, easy to install and to maintain.
- AGRILA sensor stations have theft detection (accelerometer), GPS positioning and remote software update.
- The sensor station can work up to 6 weeks without any sunlight.
- AGRILA sensor stations have a warranty of 2 years.
- AGRILA sensors do not require any calibration on-site.





Agrila Sensor Station







Click to see AGRILA in 3D



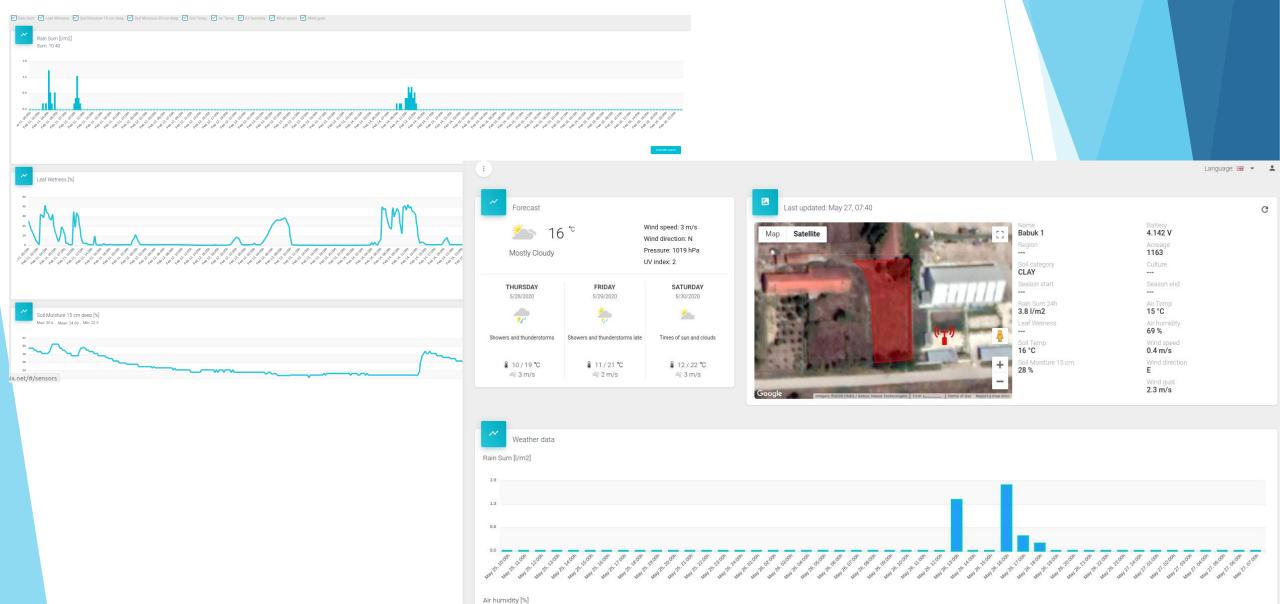


Currently Available Sensors

AGRILA sensors are supplied by German, Swiss, Danish and US manufactures

- Wind speed and direction
 - Thies Clima <u>link</u> / Inspeed speed <u>link</u> / Inspeed direction <u>link</u>
- Leaf wetness sensor (LWS):
 - METER Phytos 31 <u>link</u>
- Rain gauge
 - PRONAMIC Rain-O-Matic Professional link
- Soil moisture and temperature sensor
 - Truebner SMT50 <u>link</u>/SMT100 via SR485 <u>link</u>
- Air humidity and temperature sensor
 - Sensirion SHT21 <u>link</u>
 - . HYT939 link
- Solar Irradiation
- Rain & Snow Sensor

User Interface



Agrila Client Network

- AGRILA client network is constatly expanding accross Europe Greece, Serbia, Bulgaria, Romania, North Macedonia, Germany, ...
- Here are some of our clients (click the logo for details...)













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