Powerful and Versatile Grow Controller!

GroLab™ allows you to manage all the aspects of any agricultural grow. Configure and monitor every variable from your grow in real-time, light, ventilation, irrigation, cameras, get email notifications, and even handle security issues like floods, intrusions or fires!
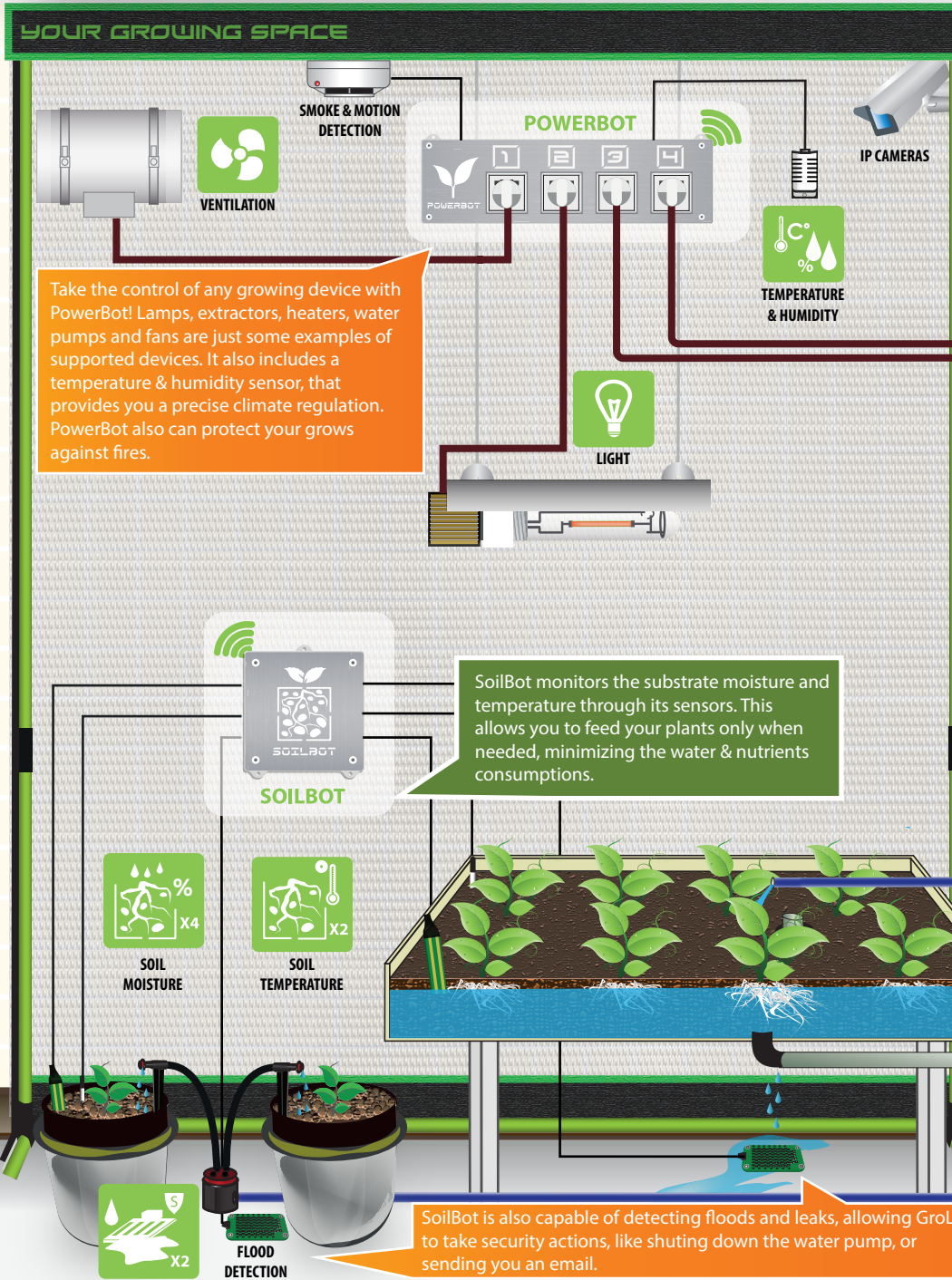Do all of this from anywhere at anytime.

GroNode is the central controller of GroLab™.
It manages all the other GroLab™ modules while allowing you to configure any automation procedures based on the sensors and devices available (more modules, more capabilities).
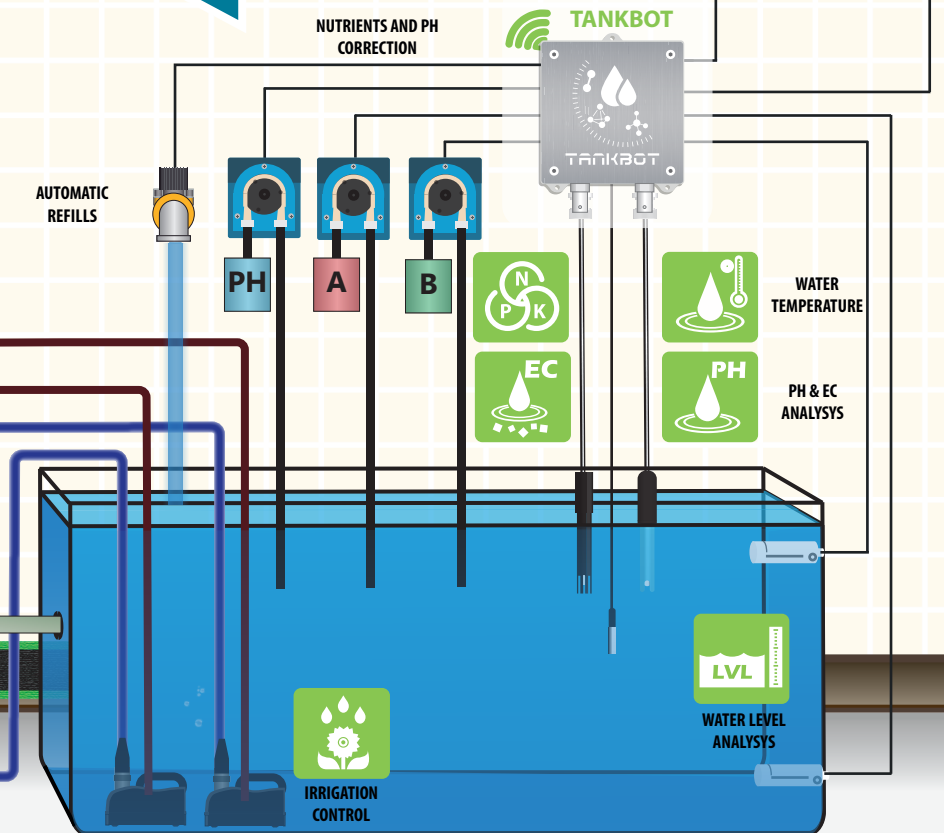
GRONODE

GroLab™ Software is an intuitive and easy to use platform that allows you to monitor and fully control your grows.

- EASY TO INSTALL
- MANAGE UP TO 8 DIFFERENT GROWS
- EASY TO CONTROL
- REMOTE ACCESS
- REAL TIME NOTIFICATIONS
- IP CAMERAS
- DATA LOG CHARTS & TRENDS
- FULLY CUSTOMIZABLE
- SOFTWARE & FIRMWARE UPDATES

GROLAB

Combine GroLab modules to fully automate your grow and....

YOUR GROWING SPACE

SMOKE & MOTION DETECTION

VENTILATION

POWERBOT

IP CAMERAS

TEMPERATURE & HUMIDITY

Take the control of any growing device with PowerBot! Lamps, extractors, heaters, water pumps and fans are just some examples of supported devices. It also includes a temperature & humidity sensor, that provides you a precise climate regulation. PowerBot also can protect your grows against fires.

LIGHT

SoilBot monitors the substrate moisture and temperature through its sensors. This allows you to feed your plants only when needed, minimizing the water & nutrients consumptions.

SOILBOT

SOIL MOISTURE   X4

SOIL TEMPERATURE   X2

FLOOD DETECTION   X2

SoilBot is also capable of detecting floods and leaks, allowing GroLab to take security actions, like shuting down the water pump, or sending you an email.

...automate your nutrients solution.

TankBot is a powerful module that allows you to control any kind of 12 volt devices (peristaltic pumps, solenoid valves etc ...), sense 4 switch sensors of your choice like water level sensors, smoke detectors, etc.... And measure your solution pH, EC and Temperature. Tank auto refill, nutrients dosing, ph correction, irrigation path control via solenoids, are some of the processes you can implement and automate with a TankBot.

Protect yourself against possible fires, floods and even intrusions by combining all kinds of sensors and peripherals with your modules. Here TankBot is sampling a motion and a smoke detector. This way you can take actions upon intrusions or fires.

SMOKE & MOTION DETECTION

TankBot can activate peristaltic pumps to automatically regulate your pH, or even dispense a precise amount of fertilizers when you wish or your EC level demands it.
It can also sample water level sensors that will warn you whenever your solution is getting low, or automatically proceed with a tank refill.

TANKBOT

NUTRIENTS AND PH CORRECTION

AUTOMATIC REFILLS

PH   A   B

NPK

EC

WATER TEMPERATURE

PH

PH & EC ANALYSYS

IRRIGATION CONTROL

LVL

WATER LEVEL ANALYSYS

GROLAB
FULLY AUTOMATE YOUR GROW!

YOUR GROWING SPACE

ADAPTS TO ANY TYPE OF SPACE....

GROWTENTS

GREENHOUSES

GROWROOMS

AND ANY TYPE OF GROW...

SOIL

HYDROPONICS

AEROPONICS

SHOP.OPENGROW.PT | OPENGROW | OPENGROWEN

STARTER KIT

LIGHT CONTROL

IRRIGATION CONTROL

CLIMATE CONTROL

GRONODE · POWERBOT

REMOTE ACCESS

REAL TIME NOTIFICATIONS

IP CAMERAS

FLOOD DETECTOR Purchased Separately

UNIVERSAL INPUT Level Sensors, Smoke Detectors, Switches, ...

This is the start of your automated grow. Control your lights, manage your ventilation based on temperature and humidity, configure your irrigations and even prevent floods and check for tank levels with the latest release of Starter Kit. Get rid of all timers and cables, and start to control your grow only with only one system.
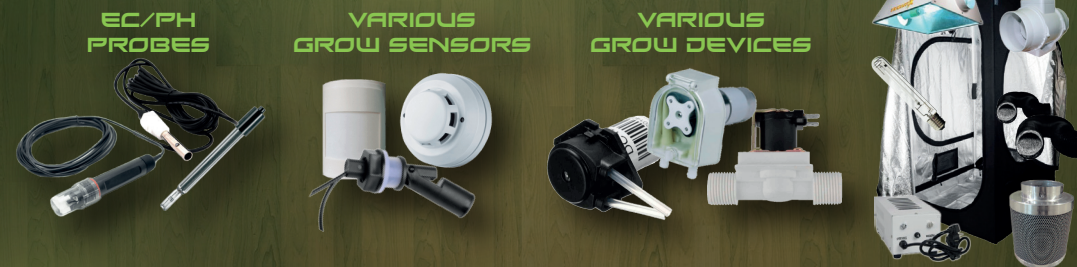
DOSER KIT

NUTRIENTS DISPENSER

AUTO PH CORRECTION

WATER LEVEL WARNINGS

GRONODE · TANKBOT

4 CONFIGURABLE INPUTS

PERISTALTIC SPEED CONTROL

WATER TEMPERATURE

Tired of constalty checking pH? And what about that measures to get the fertilizers right upon a new refill? With this kit, GroLab will not only warn you when your water level is low, it will be capable to single handed regulate your pH and dispense a configured amount of fertilizers whenever you need.

OPENGROW
ALL YOU NEED TO AUTOMATE YOUR GROW

EC/PH PROBES

VARIOUS GROW SENSORS

VARIOUS GROW DEVICES

GENERAL GROWSHOP

SHOP.OPENGROW.PT | OPENGROW | OPENGROWEN

GROLAB
AUTOMATE YOUR GROW

MAXIMUM YIELD
HOTTEST PRODUCT 2018

Cannafest
BEST PRODUCT
2016

GRONODE

POWERBOT

SOILBOT

TANKBOT

OPENGROW.
www.opengrow.pt
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