Time to Grow Up

GrowDirector 3 PRO

INTELLIGENT CLIMATE CONTROL SYSTEM FOR INDOOR AND GREENHOUSE HORTICULTURE.

EVERYTHING YOU NEED TO AUTOMATE YOUR **CROP CULTIVATION: SAVE TIME**, **LOWER COSTS** AND WATCH **YIELDS INCREASE**.

Jobs Done

Full Hydroponics Automation
Irrigation, injection, dosing, mixing. Control of pH, EC, water temperature, DO, ORP. Each module handles 3 dedicated pumps & 3 industrial grade sensors.

All Greenhouse Electrical Devices Automation
According to your environment - turn on / off and power control via electrical cabinet relays or sockets. Each module handles 4 dry contacts or 2 sockets for IoT.

Environmental Data Collection & Analysis
In real time with air temp, humidity, VPD, soil moisture, CO2, PAR, LUX sensors. Each module handles 4 sensors.

Grow LED Light Control
Each module handles 200 LED daisy chain lights to tailor the schedule and brightness of your lights.

Data Storage & Backup
With cloud and / or local server and ethernet connection.

Hardware Features

Stand Alone Product
Consisting of 6 independent modules, each to perform its own task, and multiple sensors, the system can function independently, in a family network or use API.

Modularity & Scalability
Connect up to 16k units under one roof with unlimited rooms.

No Infrastructure Needed - All Wireless

Built-In Wi-Fi

Software Features

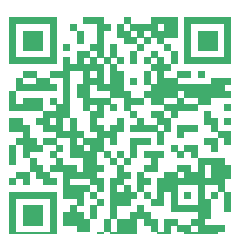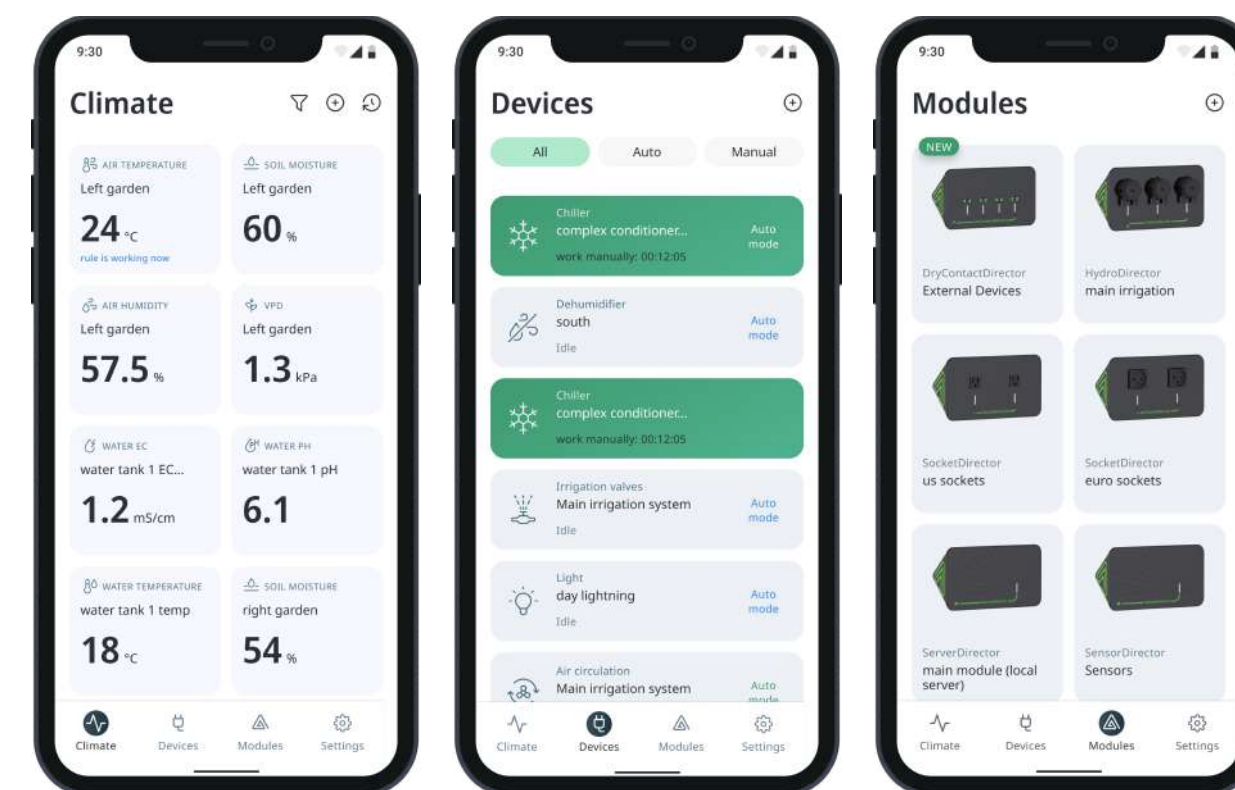### Remote Control & Monitoring
On mobile, tablet or PC.

AI / Machine Learning
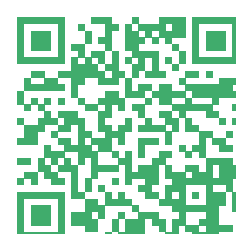Becomes smarter daily by learning from user interactions.

Feature & Firmware Updates
Delivered every month automatically wirelessly.

No Software Costs

The Tech

How It Works

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