Irrigation management and control, precise plant nutrition and climate control for various crops

Greenhouses  Vineyards  Maize  Vegetables  Orchards
What is ONDO?

ONDO is an all-in-one farming automation solution made up of:

- **Super computer** that connects to and controls your existing farm infrastructure for irrigation, fertigation and climate control

- **Software platform** for management and control of the super computer

ONDO will ensure precise irrigation management and control, precise fertigation and climate control thanks to:

- Real-time, 24/7 monitoring of your plants

- Advanced analysis of the data received and decision-making based on predefined target conditions

- Automated action steps and follow-up control
Optimal control of every process

**ONDO controls not only irrigation and nutrition of plants, but also climate** - light, humidity, temperature, EC, Ph, CO2 and others.

**ONDO** is extremely user-friendly and consists of compact and flexible hardware and software modules. It is ideal for the monitoring and control of the plant growth at any time of the day.

With its state-of-the-art technology and affordable price, **ONDO** is a great choice for any farmer **looking to sustainably grow their business!**

Thanks to its Web-based technology, **you can control ONDO from any smart device, anytime, anywhere.**
We provide effective solutions for big agricultural producers as well as small and medium farms. The right solutions to suit the needs, budget and capability of the growers.

The innovative modules “Easy GROW Model” and “e-Agronomist” are tailored for all farmers who want to achieve a better yield and increase in growth.

Innovative modules

01 Easy GROW Model

A dynamic basic model for growing basic crops

Easy GROW Model is a dynamic model for growing crops that follows and supports all stages of their development by making recommendations for irrigation, fertigation and other practices to help achieve more sustainable yields.

Easy GROW Model uses recommendations that are tailored for your geography and climate. Climate data is processed from local weather stations and servers that provide real-time weather forecasts.

02 e-Agronomist

An electronic agronomist online service

e-Agronomist is a unique world-wide online advisory and consultancy service for practicing agronomists who help to support smooth cultivation of crops.

Thanks to e-Agronomist, farmers have access to high-quality services from real exports at affordable prices.

e-Agronomist is a comprehensive service offering multiple sensors and cameras for monitoring, analysis and control to help minimize plant disease and safeguard your crop.

With e-Agronomist, anyone can be a successful farmer without having to hire expensive consultants.
When you choose ONDO, the economic benefits are visible from the first harvest! Saving money on resources such as water, electricity, fuel, fertilizers and also minimizing the cost of human error helps to guarantee financial progress!

**Greenhouses**
- Intelligent irrigation management system, precise fertigation control, climate control and monitoring of units from 0.3 to 3 ha

**Maize**
- Intelligent irrigation management system, precise fertigation control and monitoring system based on sensors in the plantation

**Vineyards**
- Intelligent irrigation management system, precise fertigation control and monitoring system and wireless valve control using LoraWAN technology

**Orchards**
- Intelligent irrigation management system, precise fertigation control and monitoring system and wireless valve control using LoraWAN technology
Benefits

Precise water management gives significant savings of up to 85%.

Optimizing and reducing the cost of electricity, diesel, gas and other energy sources saves up to 50%.

Reduces the cost of fertilization and preparation whilst raising crop yield up to 40%.

Reduces the impact of human error by up to 60%.
ONDO’s Advantages

**Easy to use**

ONDO software has an intuitive interface that any farmer can instantly use. Created and continuously improved based on feedback from real farmers.

**Affordable**

ONDO package pricing makes farming automation affordable for small and mid-sized farmers as well.

**Excellent 24/7 support**

Reliable support and guaranteed response times in emergency situations.

**Integrates with existing farming infrastructure**

ONDO can integrate with, control and monitor your existing irrigation, fertigation and climate control infrastructure.
ONDO Products

ONDO Mini

For small and hobby farmers, including small tunnel greenhouses

Hardware management capabilities

Irrigation management
• 1 Main pump
• 5 Irrigation valves

Fertilizing management
• 1 Dosing channel

Climate management
• 1 Misting valve

Software management capabilities

• 10 Irrigation programs
• 1 Fertilizer dosing program
• 1 Misting strategy
• 3 Schedules
• Irrigation historical data

Remote management options
• 1 year remote management with ONDO Cloud
• EUR 5/m for ONDO Cloud after the 1st year

Support
• 24/7 online support and upgrades

ONDO Lite

For small and mid-size farmers, including bigger greenhouses

Hardware management capabilities

Irrigation management
• 1 main pump or 1 main valve
• 12 Irrigation valves
• 1 Main water meter

Fertilizing management
• 3 Dosing channels
• 1 Dosing buster pump
• 3 Ferti meters

Climate management
• 2 Misting valves
• 2 Vent lines
• 1 Weather station

Software management capabilities

• 30 Irrigation programs
• 30 Fertilizer dosing program
• 30 Misting strategies
• 30 Schedules
• Irrigation historical data
• Alarms
• Weather forecast for 14 days
• Easy Grow module, with 1 recipe

Remote management options
• 1 year remote management with ONDO Cloud
• EUR 25/m for ONDO Cloud after the 1st year

Support
• 24/7 online support and upgrades
Hardware management capabilities

Irrigation management
- 3 main pumps
- 3 main valves
- 22 Irrigation valves
- 1 Main water meter

Fertilizing management
- 6 Dosing channels
- 1 Dosing buster pump
- 6 Ferti meters

Climate management
- 3 Misting valves
- 3 Vent lines
- 1 Weather station

Software management capabilities

- 50 Irrigation programs
- 30 Fertilizer dosing program
- 50 Misting strategies
- 50 Schedules
- Irrigation historical data
- Alarms
- Weather forecast for 14 days
- Easy Grow module, with 1 recipe

Remote management options

- 1 year remote management with ONDO Cloud
- EUR 25/m for ONDO Cloud after the 1st year

Support

- 24/7 online support and upgrades
- E-health module for system monitoring
Get in Touch

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