VYR®

www.vyrsa.com

Hydro**plus**

SMART REMOTE MANAGEMENT

THE BEST SOLUTION FOR SMART &
AUTOMATIC IRRIGATION CONTROL

The HydroPlus system is a **smart irrigation management** controller system for professional farms and industry. It interacts with local hydraulic, agronomical and meteorological values adjusting automatically the timing and frequency of irrigation. The system has a modular design to suit different types and sizes of plots.

Communication
Equipment

Pg 6010: Battery operated Controller

Sensor and measure networks

MSR

TRI:	CAP:	Optional Equipment:

A mini-card placed inside the controller. This card allows to establish a local or wireless communication.

The master centralizing communication link between programmers. It has 3 model options:

GSM / RADIO (standard): Radio communication with TRIs and Internet.

GSM / RADIO+SENSORY: It also includes a card with 6 digital inputs, 4 analog and RS485 port.

WIFI - ETHERNET: Communication in areas with Internet access point through a WIFI /ETHERNET modem.

Sensory and measure devices can be added to the equipment to establish water conditions within the crop adjusting watering times as needed.

MSR: The remote sensor module with 2 digital and 2 analog inputs for remote sensing agriculture. It collects data remotely and downloads it to the chosen database.

Sensor and measure networks: devices to measure wind, pressure, humidity , flow.

Management platform
On-line

Hydro-Plus has a management platform for irrigation control of VYR equipment with communications access.

Using this intelligent software you can remotely adjust watering times to needs of demand for crops, taking into account the weather and measuring sensors in culture.

Easy and fast to install and configure

Hydro-Plus WEB application

With Hydro-Plus you can have remote control from any device with internet access. After programming and integrate the different system components (valves, pumps, meters, nozzles, weather stations and sensors, etc ...), you can generate management patterns depending on the agro-meteorological and physical conditions of the system, thus generating different types of alarms.

GPS for location and positioning on network maps of the different components of the system.

Other devices than irrigation can be controlled for activation such as lighting, power, alarms, cameras, doors, etc.

Hydro-plus (APP)

The APP application for mobile devices is based on the web application www.hydro-plus.es and includes an intelligent software with common remote management tools. The APP is ready to bind with VYR Direct Link devices vía Bluetooth.

www.hydro-plus.es

The integration of different control and management equipment makes this tool one of the most sophisticated in the market. Hydroplus stands out for its range of low-power, long-range sensory communications networks and powerful software algorithms for auto-reset "Water Balance".

Hydro**plus**