



The Aqualogic 500 Smart Irrigation Controller

- Next Level Smart Irrigation





Smart irrigation just got smarter



The Crysberg Smart Irrigation Controller

The new AquaLogic 500 Smart Irrigation 2-wire controller from Crysberg represents all that is needed and expected of a modern state-of-the-art irrigation solution.

Regardless of the model and the number of stations you have selected, the AquaLogic 500 controller is fully equipped with a series of diagnostic tools and versatile features. This includes Flow Management, Alarms, Reports, and access to international weather stations. Features that will guarantee you precise irrigation.

Intelligent Water Management and Irrigation

The new Aqualogic 500 smart irrigation controller takes water management to the next level by offering advanced hydraulics and smart irrigation methods. It supports up to 20 mainlines with automatic flow management, ensuring efficient usage of water window. With MAD-based and timer-based execution, it can handle 50 programs, each with up to 500 steps, enabling precise, intelligent irrigation tailored to soil and plant types. Aqualogic 500 controller's sophisticated features, like flow verification, leak supervision, and customizable water windows, make it an essential tool for optimizing water use while maintaining lush landscapes and fields.

Built in logic engine

The Aqualogic 500's logic engine enables tasks like adjusting water budgets based on soil moisture, activating programs via field buttons, managing

fertilizer injections, and more. This feature enhances efficiency and customization, optimizing irrigation based on real-time conditions.

Controls input & output decoders

Use Aqualogic 500 in a two-wire setup to connect up to 120 sensor decoders, including SDI-12, up to 500 output decoders, or a mix of the two on each 2-wire path.

Peace of mind

With its strong diagnostic features, Aqualogic 500 ensures reliable performance and quick issue resolution. It offers automatic 2-wire shutdown on overload, email alarms for errors, and modes for finding shorts and leaks.

Anytime and Anywhere

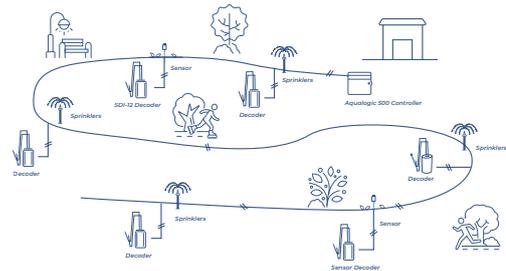
You are always in control and can manage multiple systems simultaneously. With remote servers in Europe, America, and Asia, the Aqualogic 500 offers seamless web access, allowing you to administer large installations, customize reports, set alarms, and manage operations from anywhere, anytime.

Make Aqualogic 500 a part of your solution

Integrate the Aqualogic 500 into your solution with the robust 3rd party integration capabilities. Accessible via a Rest/JSON API at both command and controller levels, it offers encrypted access through remote servers using Bearer Token Authentication. Start small and scale if needed: license for 101, 241 or 500 stations.

Aqualogic 500 is built for next level smart irrigation

Use our interface and API to incorporate Crysberg technology into your system for reliable communication, better monitoring of your system, and most importantly, peace of mind.



Aqualogic 500.

The power of Two-wire technology

The 2-wire technology allows you to: Minimize labor - because less wire, equals less labor. Minimize materials - less wire, less copper costs. Minimize operating costs - minimum maintenance cost and optimum repair cost. And it is very easy to expand. Just splice on extra wire.

Smart Irrigation Solutions

Every day, the demand for tailor-made irrigation solutions is growing across various sectors. Whether it's public parks, sports stadiums, golf courses, agriculture, or complex landscaping, we provide the most intelligent and durable irrigation control systems. With the flexibility to use your own PLC with our MK3 Interface or opt for the Aqualogic 500, we've got you covered.

Optional Accessories



Enclosure box for the Aqualogic Controller

A CE certified plastic enclosure box with Crysberg logo ribbon, and a secure Cam-lock. A simple yet durable solution in case you would like to take advantage of a pre-designed solution.



Two wire Decoders

Aqualogic 500 connects multiple devices like valves and sensors via a single two-wire strand. The solution supports up to 500 decoders on a single strand.



Weather data through API

Aqualogic 500 can plan and execute irrigation based on weather data and sensors in the ground. Integrates to 4 different global weather forecast services.



Boost your solution with the **Crysberg API**

Our easy-to-use API and interface make it easy to expand on and simplify existing solutions with our durable 2-wire decoders. Just add the most innovative, durable, tried and tested smart irrigation control system technology to your solution and win more business.

Crysberg has an 100% indirect business model

Crysberg has a 100% indirect business model and only sells through partners like Original Equipment Manufacturers (OEM). When you become a Crysberg OEM partner, you take center stage. For the client

and for us. Our whole business model is about making you shine and we have a history of long term partnerships with our partners. With a Crysberg partnership you can focus your resources on your key competences

We want financially strong partners that have already proven themselves in this market. That are as dedicated as we are with a management team ready to invest in sales, marketing and see the benefit of maintaining a stock of MK3 products, smart irrigation controllers and 2-wire decoders at all times.

Cisgenics had for a long time been looking for an intelligent and modern irrigation controller based on the two-wire decoder technology. When we first got acquainted with the AquaLogic 500 controller and the Crysberg MK3 technology, then we were blown away.

Regardless of the model and the number of stations you have selected the AquaLogic 500 controller is fully equipped with a series of diagnostic tools and versatile features. This includes Flow Management, Alarms, Reports,

and access to international weather stations. Features that will guarantee you a precise irrigation.

When receiving the first units, we performed a number of field tests to ensure its durability. It has not let us down one single time..

Cisgenics is right now expanding its activities in many regions with a state-of-the-art solution closely linked to Crysberg's MK3 technology..

Sam Rebera, CEO

We are trusted by:





Crysberg is the irrigation industry's leading business partner

Crysberg has more than 30 years of experience in the development and production of high-quality irrigation controllers, interfaces, web solutions, and decoders for 2-wire solutions.

Back in the 1980's we developed the technology of letting decoders control sprinklers, drip irrigation, valves, and nozzles. A technology we now take to the next level.

We are proudly based in Denmark and have our production facility in Kvistgaard – just outside Copenhagen. Crysberg is owned 100% by Indutrade, an international private equity group listed on the stock exchange in Stockholm, Sweden.

At Crysberg we focus on protecting the environment. Our products are designed for saving water and optimizing irrigation. During our production process we constantly aim at using parts and components which can be recycled and are sustainable. We have carefully selected 4 UN Goals which have our full attention. Those are:



If you want to hear more about Crysberg's solutions and the new ground-breaking MK3 technology, please contact us.



Scan the QR code or go to crysberg.com