4

**Aquamonix APIO Control Module**

The Aquamonix APIO Control Module is a versatile equipment controller that allows for multiple control methods and can be **stand alone** or **networked** to the Aquamonix Micro Central Control System.

The APIO Control Module allows for a range of power options, and is suitable for mains AC powered, AC or DC Powered Generators or Solar DC Powered sites.

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| --- | --- | --- |
| Standard Features | | |
| Comms Ports  **4** | Max Outputs  **96** | Max Inputs  **40** |
| Power Options | | Options |
| Mains/Genset | Solar/Battery | Site Remote |
| Communications Protocols | | Operating System |
| **Modbus** | **DNP3** | **SCADA** |
| Available Communications | | |
| Direct Connect | Cellular Modem | SS Radio |
| Ouput Options | | |
| Multi Wire | Two Wire | Radio Link |
| Standard Outputs | | |
| Valves | Pump Systems | Engines |
| Filter Systems | Injection Systems | Channel Gates |
| Standard Inputs | | |
| Water Meters | Pressure | Water Qulaity |
| Mounting Options | | |
| Wall Mount  **IP66** | Panel Mount  **IP22** | Project Pack  **IP66** |

The APIO allows for easy adaptability to provide a wide range of engineering solutions to both control and monitoring applications, and has a powerful range of programming capability and is capable of executing commands from its programmed memory, or those issued by a remote master, and returning a variety of input data such as current I/O status, logged analogue values, pulse counts etc..

The APIO Controller can be supplied in several easy to specify formats, and can also be supplied in pre-built, pre-tested Project Packs.

The large daylight readable screen, and large direct access buttons, make the Freedom easy to used even for themost technology shy operator.

The APIO is suitable for almost any application and is typically used for,

* Energy Management Systems
* Aquaculture Systems
* Channel Irrigation Systems
* Remote Pumping Systems
* Injection & Filtration Systems
* Pump Control
* Engine Control
* Gate Control

Whatever your application there is a Aquamonix Control Solution to suit your requirments.

Consult the Control Solutions Product Guide for standard formats, special builds are available on request.