

GateKeeper Central System

The Aquamonix Gatekeeper Central is a powerful PC or cloud based management system that provides advanced channel management, equipment control, compliance monitoring, cost reporting and user based scheduling of water delivery.

The Aquamonix GateKeeper Central is a highly developed centralized control platform that networks to the Aquamonix range of products such as,

- Aquamonix GateKeeper (Channel Control)
- Aquamonix APIO Controller (Pump Control)
- Aquamonix Web Logger (Wireless Data Logger)
- Aquamonix Hybrid Controller (On Farm Irrigation)
- Aquamonix Emflux Electromagnetic Water Meter

With the FlowManager module the system automatically coordinates and controls the operation of gates throughout the channel network to ensure water is delivered at the required location on time.

Flowmanager optimizes the channel network providing farmers and system operator more flexibility while saving water through calculated automated dam releases and time delayed gate operation.






















The Aquamonix GateKeeper Central is pre-configured to integrate data and generate reports from the following sensor arrays, and can be utilised for billing and compliance reporting in a range of applications.

- Channel Flow Reporting
- Dam Capacity Monitoring
- Delivery Volume Monitoring
- Power Metering
- Compliance Reporting
- Event & Alarm Logs



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



| GateKeeper Central | | |
|---|--|--|
| Field Controllers unlimited | Max Outputs unlimited | Max Inputs unlimited |
| Power Options | | Options |
| Mains/Genset  | Solar/Battery  | Smart Device  |
| Hardware Required | | Operating System |
| PC | Cloud | SCADA |
| Available Communications | | |
| Direct Connect  | Cellular Modem  | Radio  |
| Gate Control Options | | |
| Flow  | Level  | Gate Position  |
| Standard Outputs | | |
| Actuated Gates  | Pump Systems  | Trash Racks  |
| Filter Systems  | Injection Systems  | Valves  |
| Standard Inputs | | |
| Water Meters  | Pressure  | Water Quality  |
| Level Sensor  | Soil Moisture  | Weather Station  |