

Why Aquavx?

Aquavx is unique. Unlike traditional SCADA systems, Aquavx is a cost effective solution that is wireless, highly configurable and user-friendly, without the cost of third party integration... you manage your system for less. Aquavx offers a total internet-based solution for remote monitoring and control of your assets, in addition to a complete local user-interface in the Aquavx Scout hardware. Aquavx utilizes the cellular network providing a significant savings compared to traditional landlines. There is no other solution that delivers so much value at such a low cost...a fraction of SCADA costs.

Whether you are monitoring one asset or many, Aquavx gives you a complete turnkey monitoring and control solution. Status of assets may be viewed locally at the site or remotely via the Internet. An extensive web-based solution provides a complete view of your assets' status on a single map, as well as a tabular format, with a quick view of any critical alarms. You can retrieve additional site information by drilling down into sub-menus on a per-site basis. This extensive site information assists in managing your assets and provides you with the ability to prioritize your tasks, by site, in order to reduce unnecessary site visits – resulting in an overall cost savings.

Aquavx offers a wide range of services so you can choose the best plan that suits your monitoring requirements on a per site basis. Services include online data access, 24/7 tech support, a 2-year warranty on the Aquavx Scout and a commitment to customer satisfaction as your partner...not just a vendor. Aquavx is a unique kind of solution from a company with 30+ years of experience.

Features & Benefits

Aquavx offers the features and benefits you need at an affordable price. Here is what you can expect:

Web Interface: Snapshots provide a quick view of any critical events or alarms at any given site. Sub-menus provide easy access to valuable data throughout your system. Data can be viewed remotely from any Smart device with internet access.

Cellular and Satellite Communications: Cost-effective communications, without expensive network build-outs, even where cell phones won't work.

Intelligent Hardware: System configurations can be uploaded from the hardware to the website and vice versa... downloaded from the website to the hardware. This feature is unique to Aquavx.



Local Hardware Interface: Control panel allows you to view critical alarms, system status and historical events, as well as making configuration changes.

Event Notification: Provides flexibility in the communication of critical alerts. Event notifications are delivered via voice, text and/or email messages...choose what works for you.

User-Driven Reports: Get the reports you need when you want them. Run times, totalized flow, number of cycles, etc., can all be included in reports that can be run either on a set schedule or on demand.

Secure Access: Aquavx' robust user administration module provides various levels of security that are configurable by the user. This allows administrative personnel to easily configure user profiles and define the level of access for each user. Local Aquavx Scout hardware is also password protected.

System Mapping: Complete overview of assets with site status available on a single map.

Water and Wastewater Applications

Aquavx is a leader in the water and wastewater markets. Our products have been utilized for over 30 years in more than 40,000 installations within the municipal and industrial water and wastewater markets, providing monitoring and alarm notifications at remote and unmanned facilities.

Operations personnel are continually challenged to prevent overflows, reduce pump cycling, prolong the life of pumps, limit and report access – all as efficiently as possible. Antx's DiaLog products, which power the Aquavx solution, have been serving the needs of water and wastewater markets since 1983.

Whether you need to monitor just a few critical conditions or hundreds, Aquavx is the answer. Below are some of the more common applications that Aquavx benefits:

- Lift stations
- Small and large water and wastewater plants
- Storage tanks
- Wells
- Distribution
- Flow monitoring
- Booster pumps
- Landfills

PHYSICAL CHARACTERISTICS

Enclosure: NEMA 4X hinged enclosure: 12"W x 10"H x 6"D, weight 3.8 lbs.
Flush/Panel mount metal enclosure: 8.3"W x 6.3"H x 3.6"D

Input/Output Capabilities:

10 digital inputs
4 analog inputs (0-20mA, 4-20ma, or 0-5VDC, or 1-5VDC)
2 relay outputs (.5 Amps)
30 Modbus analog inputs
20 Modbus digital inputs
8 Modbus digital outputs
On board discrete termination for analog and digital are screw-down 14-22 AWG

User Interface: 2x20 line LCD backlight display, 20 key keypad

Serial Ports: (1) RS232 and (1) RS485 – Modbus RTU Master

Cellular: GSM modem (ATT), Quad-band FCC, PTCRB and UL certified, CDMA modem (Verizon), Dual-band FCC and UL certified

Antenna: Omni antenna with 10' cable included. External omni and yagi antenna kits available to include 20' cable and surge suppressor.

Operating Temperature: -20 °F to 158 °F (-4 to 70 °C)

Operating Humidity: 0% to 90% @ 140 °F

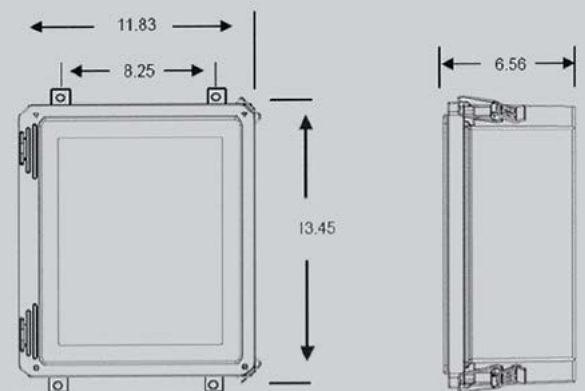
Power: Input is 9-17.5 VDC, surge protection on power and inputs.
15VDC regulated UL power supply.
12VDC backup battery for power fail alarms (12-16 hours).



Our commitment to you...

We are confident that you will be satisfied with Aquavx. If not satisfied, you may return it within a 30 day period at no cost to you.

Aquavx Scout



Panel mount version available.
See "Physical Characteristics" for details.