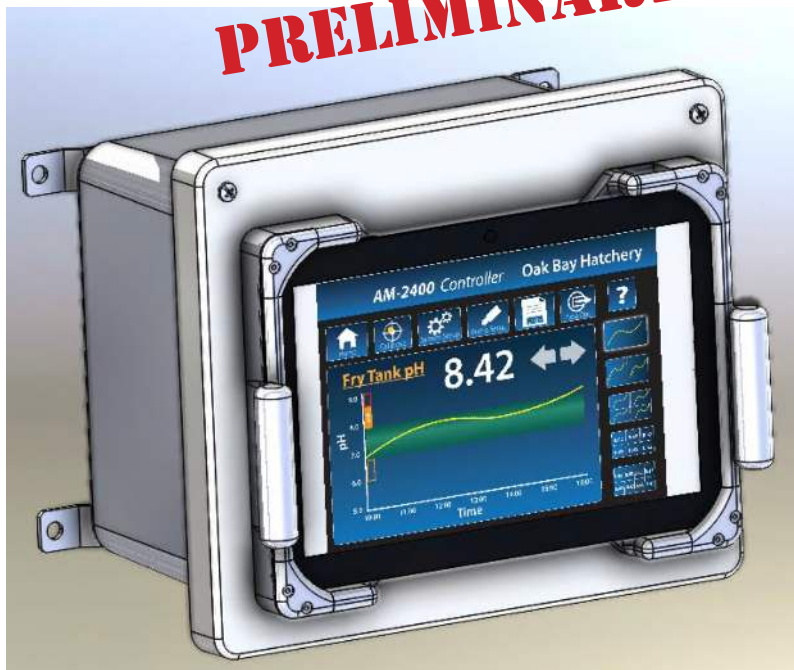


PRELIMINARY



Features

- Configurable for your application
Up to 32 inputs and 40 total IO connections
- Display your Way
Local wireless Display w/ magnetic mounting
LAN/ WiFi connection
Ethernet IP
- Analysis and Control Simplified
Alarm notifications by e-mail, text, and/or display
Remote viewing with password protection
Year+ local data Logging
User-Customizable Historic Performance
- Affordable

Applications

- Industrial wastewater treatment
- Municipal water/wastewater treatment.
- Aquaculture / Horticulture
- HVAC

Description

The AM-2400 is, simply, the most versatile and flexible web-enabled controller on the market. We incorporated everything we learned from our four generations of controllers and made it best in class for today's connected world.

The AM-2400 combines the functionality of a controller and PLC. It can form the backbone of a process control system for facilities that might otherwise invest in a SCADA system costing more than \$20,000 to set up and thousands each year to modify. It features the basic functionality of a PLC and SCADA systems in one compact package.

Configurable for your Application

The AM-2400 is a modular controller that, unlike nearly all others in the same category, contains everything you need to manage up to 32 inputs and 40 total Input/output connections. The base configuration has 8 analog (4-20 mA) inputs for any 4-20 mA sensors, in any combination: pH, ORP, conductivity, dissolved oxygen, chlorine, and more! Simply add more I/O cards to build your AM-2400 to meet your facility's needs. Each I/O card comes in a secure and easy-to-install cartridge that is factory-calibrated.

Coming soon will be cards to accept inputs from "raw" probes, digital output probes and wireless probes.

Display your Way

The coolest part may just be the display. Unlike every

other controller that uses an integrated display, the AM-2400 couples to any tablet commonly available—from inexpensive ones to IP-rated ones.

The display tablet mounts magnetically right to the NEMA 4x enclosure to provide the functionality of an integrate display. Or it can be carried around from one AM-2400 to another or to your office. Because the tablet communicates to the electronics through a locally generated WiFi hotspot it is secure and does not need to connect to a local network (unless you want it to). For those that prefer their own connections a locally connected phone or tablet can connect securely over the local wifi.

To access remotely simply connect to your facility's Ethernet or WiFi and view the controller where you want.

Analysis and Control Simplified

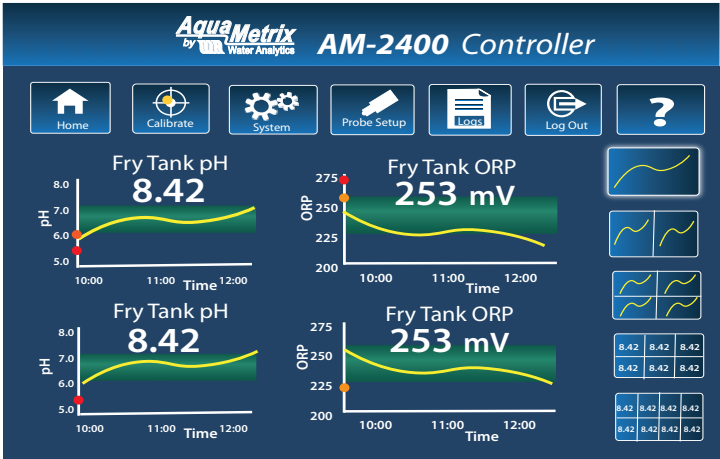
Manage the AM-2400 through your existing LAN or cellular connection. Combine two or more AM-2400's and you have a functioning SCADA system., using our AM-Cloud portal.

Sensor data is only the beginning. Like a true SCADA, the AM-2400 enables you to combine two sensor values into an actionable process value. Send alerts using email or SMS texts. For operators of a small or medium facility the AM-2400 just may be the perfect solution for both your automated control. requirements and budget.

Aquametrix AM-2400 Controller

Technical Data - Base Configuration (4-20 mA input)

Rating		Physical	
Power Rating	120VAC, 0.3 A	Physical	
Temp Rating	0 to 70 0C	Mounting	1/2 DIN panel mount or wall mount
Alarms	Configurable as E-mails and/or texts for alarms, alerts, or just reminders	Protection	NEMA 4X
Graphic Interface	Any browser on computer, tablet or smart phone.	Dimensions	6.5" wide x 5.5" tall x 4.5" deep
Datalogging	CSV files that can be downloaded, emailed or texted	Weight	5 lbs
Digital Output	Modbus TCP/IP	Safety	TUV: Emissions Class A, FCC Part 15



The web interface provides 100% web functionality from any laptop or smart device.

All logs can be downloaded remotely on a web browser. From top to bottom: Alarm logs, Data logs.



Ordering Information

The standard AM-2400-STND comes with the Base AM-2400 a magnetically mounted wireless display and an 8-analog input card. The table at right allows youu to build your own configuration.

Future cards will accept inputs from “raw” probes, digital (Modbus) and wireless probes.

AM-2400

Display

Local	D
None	N

Communication

Local Wifi Hotspot (LWH)	L
Facility LAN/Wifi	F

I/O Cards

8 Analog In	X	AI
8 Relay Out		
4 Relay Out + 4 Analog Out	X	RO
3 Analog In + 3 Analog Out + 2 Relays	X	C1
2 Analog In + 2 Pulse In + 4 Relays	X	C2