

POINT FOUR™ RIU3 REMOTE WATER MONITOR/CONTROLLER

Weatherproof Enclosure:
NEMA 4x IP65 Rated

Easy to Read:
Large Font Backlit Display

Multiple System Configurations:
Single Unit Controller or Multi-linked Network (up to 99 units)

Various Sensor Input Types:
Oxygen, Temperature, BP, pH/ORP, Salinity, TGP, Optical DO

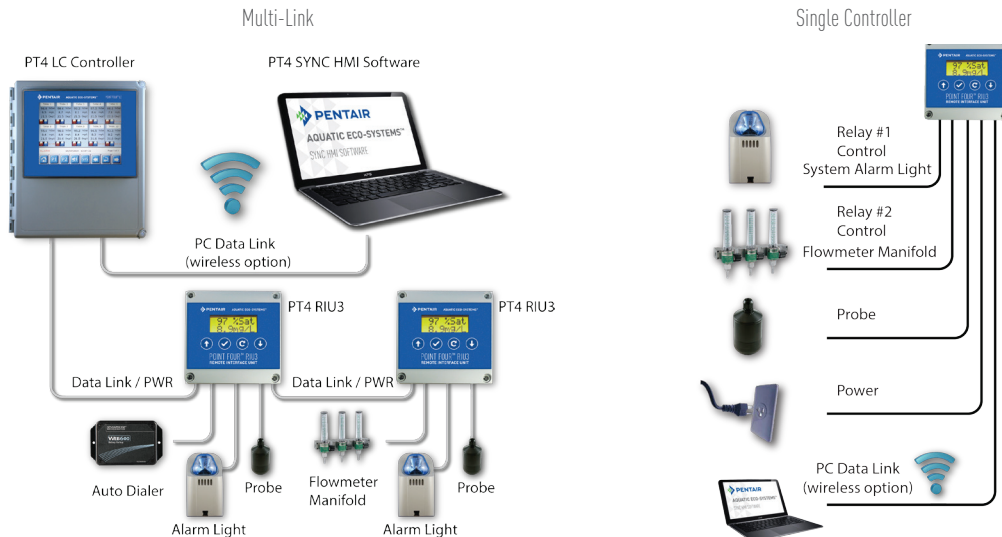
User Selectable Control:

- Control alarms, solenoid valves, feeders etc. via the keypad interface using the digital outputs and PID (proportional-integral-derivative) function
- Configure a relay to trigger a device when the probe reaches a specified value with the alarm set point feature
- Immediately respond to conditions with local control capability
- Perform single user tank side sensor calibration

2 Relay Outputs:
Digital outputs for alarm or control:
Alerting Alarm Conditions via Light, Siren or SMS and Dosing Oxygen or Controlling Blowers.

SYSTEM SPECS

POWER	12-24VDC, 120mA	SENSOR POWER	Onboard isolated 24VDC loop power supply (optional)	DISPLAY	8x2 Character, Large Font, LCD Backlit
INPUT	2 Sensor Input: Digital & Analog (user selectable) 1 Probe input (optically isolated) [4-20mA / 0 -5V/ Modbus RS485] & 1 Aux input (optically isolated) for Temp or BP	OUTPUT ALARM	Two SPDT 4 Amp relay-user configurable, LCD/LED Alarm Indicator Modbus RTU RS485 communication port, Network addressable 1-99.	CONTROL OUTPUT	Two relay outputs with selectable control band, ON/OFF or PID function [4-20mA / ModBus RS485 output]
VARIOUS SENSOR INPUT TYPES	<ul style="list-style-type: none"> Oxygen Temperature Bp pH/ORP Salinity TGP Optical DO 	2 RELAY OUTPUTS	Alerting Alarm Conditions via Light, Siren or SMS and Dosing Oxygen or Controlling Blowers	ENVIRONMENTAL	NEMA 4X/IP65, Sealed Cable Glands
TEMPERATURE	-5 °C to +60 °C, - Operation -10 °C to +60 °C, - Storage	RELATIVE HUMIDITY	5% to 85% RH at up to +40 °C - Operation 5% to 40% RH above +40 °C up to +60 °C - Storage	ALTITUDE	Up to 3,000 m (10,000 ft) - Operation/Storage
DIMENSIONS	125mm x 145mm x 75mm [4.9" x 5.7" x 3"]	WEIGHT	457 grams [1 lb]	ACCESSORIES	Wall Mount Bracket/ Weather Shield
EXPANSION PORT	Onboard Data Logging Capability				



Users can collect, manipulate and control all of their data via the Point Four RIU3 Controller, Point Four LC Touch Controller or using the Point Four Sync HMI Software (windows based).