



AcuPort™

Commercial Communication Port

- Ethernet
- WiFi
- RS-422/485



Advanced Connectivity Solutions

The Acu-Trol® AcuPort™ offers communication solutions for the commercial aquatic equipment room. With three models to choose from, the AcuPort integrates an Acu-Trol controller with the facility's local area network. Access the AK110™, AK400™, or AK600™ from any laptop, building management system or office computer. The port provides an aquatic manager secure access to the controller's data via a network or the internet*. The AcuPort is built tough to protect your investment, while operating in harsh environments.

Standard Features

- Ethernet, WiFi, or RS-422/485 connectivity options
- Interfaces with the AK110, AK400 & AK600
- Easy Windows® based installation and configuration
- Dedicated communication with a single controller
- 120VAC power adapter
- Ready-to-use RS-232 serial cable
- AcuCom™ Windows based software
- Waterproof and corrosion-resistant, easy-to-install enclosure and connectors
- Bi-directional communication and control

* Requires static IP address. Installation requires an experienced IT professional on-site.



AcuPort™ Options and Specifications



Optional Accessories

- Weatherproof AC power adapter cover
- Remote outdoor omni-directional or directional WiFi antenna*
* Model AP1100

Port Specifications

- Dimensions 6.5" x 6.5" x 4.5"
- Sealed NEMA 4x, IP66 enclosure
- Connectors provide IP67 sealing performance
- 120VAC power adapter with five (5) foot cord
- RS-232 with six (6) foot cable

Model AP1000, Serial RS-232 to Ethernet

- Ethernet: 10/100 Mbps, RJ45, 802.3 with built-in 1.5kV magnetic isolation. Connection through weatherproof bulkhead RJ45 receptacle.

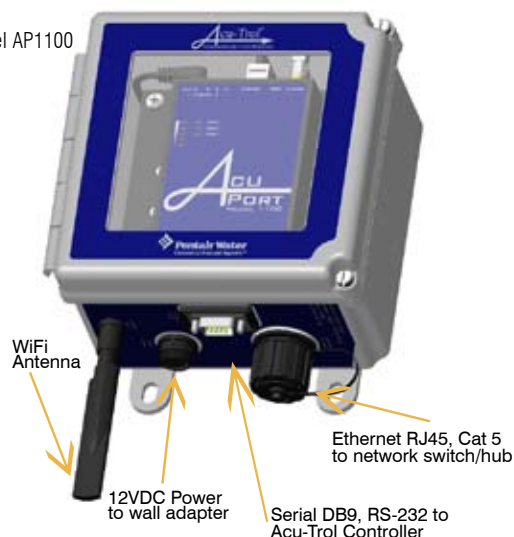
Model AP1100, Serial RS-232 to WiFi or Ethernet

- Ethernet: 10/100 Mbps, RJ45, 802.3 with built-in 1.5kV magnetic isolation. Connection through weatherproof bulkhead RJ45 receptacle.
- WiFi: 802.11 a/b/g, DSSS/OFDM modulation
Network Modes: Infrastructure, Ad-Hoc
Wireless Security: WEP 64-bit/128-bit data encryption, WPA, WPA2, 802.11i

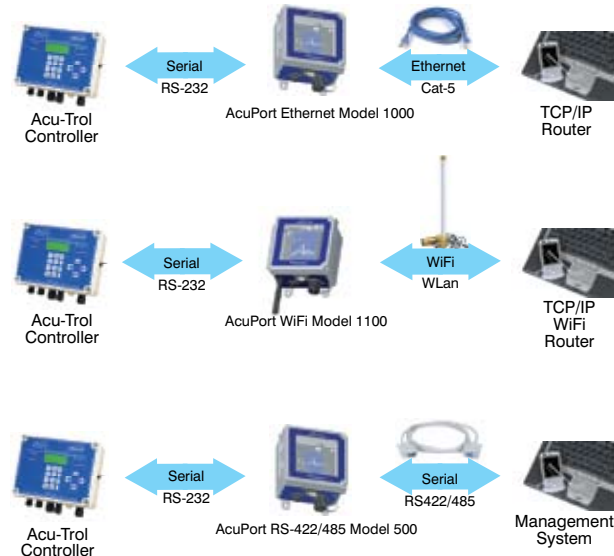
Model AP500, Serial RS-232 to RS-422/485

- RS-422/485: RS-422 or RS-485 2/4-wire with RTS/CTS support. Connections: Terminal block through weatherproof strain-relief.

AcuPort Model AP1100



Connection Methods



Acu-Trol AK110™
Aquatic
Automation
Controller

Acu-Trol AK600™
Multifunctional
Equipment Room
Controller



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