

REAL CONTROLLER

WATER QUALITY
MONITORING
SOLUTIONS



FEATURES & BENEFITS

- Simple to operate and control
- 4 line x 20 character backlit LCD
- Comprehensive hierarchical menu system
- Multiple sensor and accessory integration
- Modbus (RS485) and 4-20 mA output standard
- Optional WiFi, additional 4-20 mA, Modbus TCP, cell modem

OVERVIEW

The plug and play Real Controller provides a simplified version of the Real Controller Pro. Featuring a character LCD display, hierarchical menu system and correlation software. A single Real Tech sensor or multiple sensors and peripheral accessory devices can easily be controlled and configured from one location. Modbus RS485 and 4-20 mA are standard. Additional 4-20 mA, Dry contacts, WIFI module, Modbus TCP, and Cell module optional.

OPTIONAL UPGRADES

PRODUCT #	NAME	DESCRIPTION
S-164110	WIFI for Real Controller	WIFI module for remote connectivity
S-168111	4-20 mA input (4)	4-20 mA input module, four channel
S-178113	4-20 mA output (1)	4-20 mA output module, one channel
S-178114	4-20 mA output (2)	4-20 mA output module, two channel
S-178115	4-20 mA output (4)	4-20 mA output module, four channel
S-168120	Digital I/O dry contact module	4 input and 4 output dry contacts
S-164120	Modbus TCP	Modbus TCP (ethernet) for Real Controller
S-214101	Cell Modem	Connectivity via cell connection for any Real Tech Controller

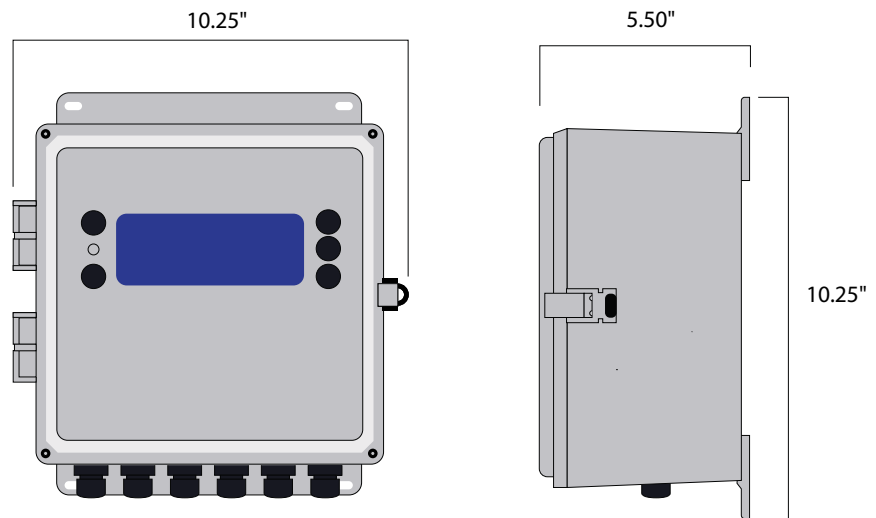
SPECIFICATIONS

CHARACTERISTIC	TECHNICAL DATA
Product #	S-169000
Compatibility	All sensors, except PL series sensor
Display	4 line x 20 character backlit LCD with LED indicator
Operator Interface	Five push buttons to control a comprehensive hierarchical menu system
Inputs	Proprietary inputs for Real Tech sensors and accessories. Optional 4-20 mA inputs for plug and play sensors, dry contact inputs.
Alarms	Display of sensor specific alarms.
Communication	Modbus (RS485) and 4-20 mA standard. Additional 4-20 mA input and output, Digital I/O expansions, Modbus TCP and WIFI optional.
Data Logging	Onboard. 6-month nominal (configuration dependent). Optional remote data logging. Export data via USB.
Electrical	24VDC 13.4A power adapter (accepts 90-250VAC 50/60Hz)
Enclosure	NEMA 4, wall mountable
Dimensions	10.25"H x 10.25"W x 5.5"D
Operating Temp	0 to 45°C (32 to 113°F)
Storage Temp	-20 to 60°C (-4 to 140°F)
Weight	8 lb
Warranty	2-year limited warranty

* Technical Specifications are subject to change without notice.

DIMENSIONS

The Real Controller is installed directly on a wall, railing or system backboard.



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