

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), one 4-20mA output as well as four digital inputs and four digital outputs (user configurable to dry contact or powered) are standard
- Optional additional 4-20 mA, Modbus TCP and 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), one 4-20mA output as well as four digital inputs and four digital outputs (user configurable to dry contact or powered) are standard. Additional 4-20 mA, Modbus TCP, and cell modem optional.

OPTIONAL UPGRADES

PRODUCT #	NAME	DESCRIPTION
S-238101	4-20 mA output (1 channel)	4-20 mA output, one extra channel
S-164120	Modbus TCP	Modbus TCP (ethernet) for Real Controller
S-234112	Cell Modem (NA)	Connectivity via cell modem - North America
S-234113	Cell Modem (Global)	Connectivity via cell modem - Global

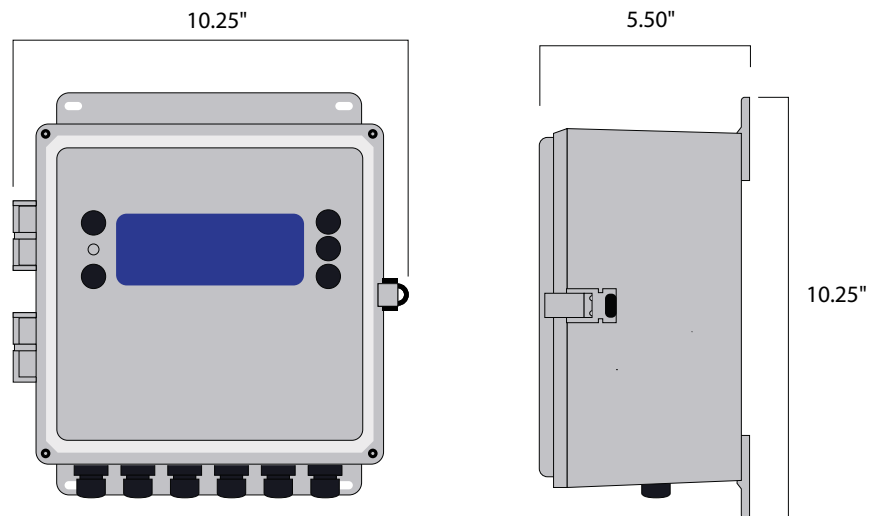
SPECIFICATIONS

CHARACTERISTIC	TECHNICAL DATA
Product #	S-169000
Compatibility	All Real Tech sensors, except PL, GL and GA series sensors , and Real Tech accessories except for Real Pump Clean Pro.
Display	4 line x 20 character backlit LCD with LED indicator
Operator Interface	Five push buttons to control a comprehensive hierarchical menu system
Alarms	Display of sensor specific alarms.
Inputs	Proprietary inputs for Real Tech sensors and accessories, and dry contact inputs standard.
Communication	Modbus (RS485), one 4-20mA output as well as four digital inputs and four digital outputs (user configurable to dry contact or powered) are standard, digital I/O expansions, Modbus TCP, and cell modem optional.
Data Logging	Onboard. 6-month nominal (configuration dependent). Optional remote data logging. Export data via USB.
Electrical	24VDC 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.



Real Tech Inc.

1150 Champlain Court,
Whitby, Ontario L1N 6K9 Canada
TF: 1.877.779.2888 T: 1.905.665.6888
info@realtechwater.com

REALTECH
INC.