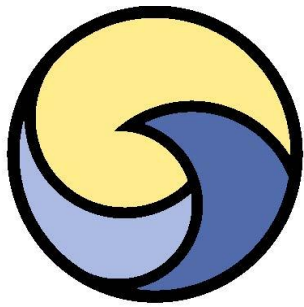




INWATER
TECHNOLOGIES

RIU3 QuickStart Guide

Version 2.0

RIU Overview



100 %Sat
8.6 mg/L
21.3 °C

Display cycles between values

↓ ↑
R1: ON
R2: OFF

Scroll up or down to view relay status



Scroll Up



Enter



Return/Hold for Menu



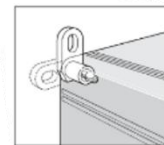
Scroll Down

Included

Provided with the RIU3 are the following

- 4 Mounting screws
- 4 Mounting brackets
- 4 Gland plugs
- RIU3 QuickStart Guide
- Probe Wiring Guide

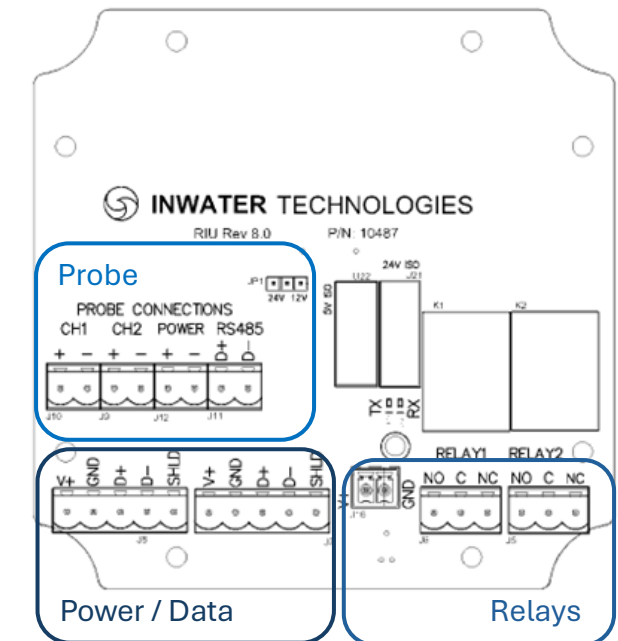
Mounting brackets can be mounted vertically or horizontally



RIU Installation

- 1 Loosen screws in each Corner of RIU
- 2 Mount RIU with Provided Screws or Mounting Brackets
- 3 Insert cables through cable glands, then plug unused glands

RIU Wiring



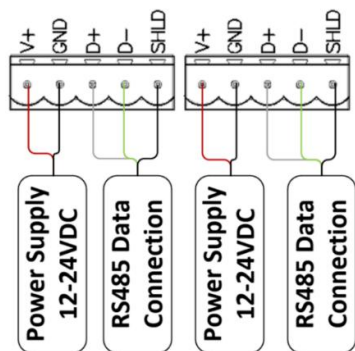
www.inwatertech.com/product/riu3

250-850-0022 info@inwatertech.com



1 Power / Data

RIU can be connected in a chain using either of the 2 connectors as an input and the other as an output.

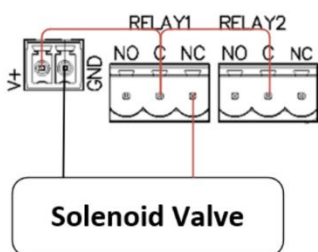


2 Probe

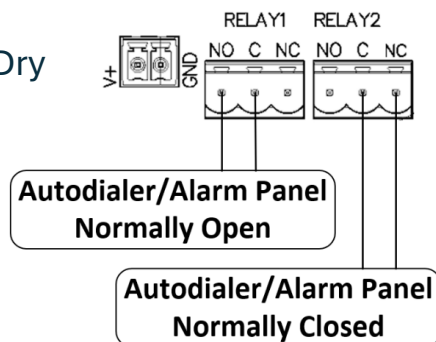
See included probe wiring guide

3 Relays (Electrical Switch)

A. Live



B. Dry



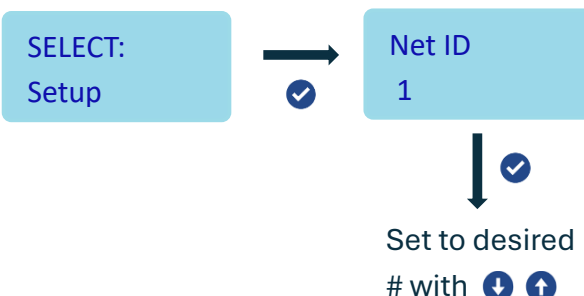
RIU Configuration

Hold for 3 seconds to enter configuration mode

Once in configuration mode use
 to select between Setup, Calibration, Control, and Diagnostic.

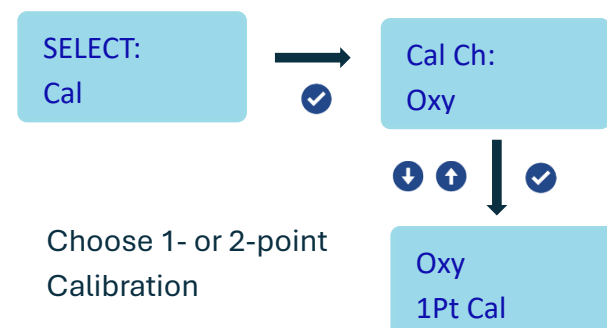
1 Network ID

Each RIU requires a different ID for communications when part of a network



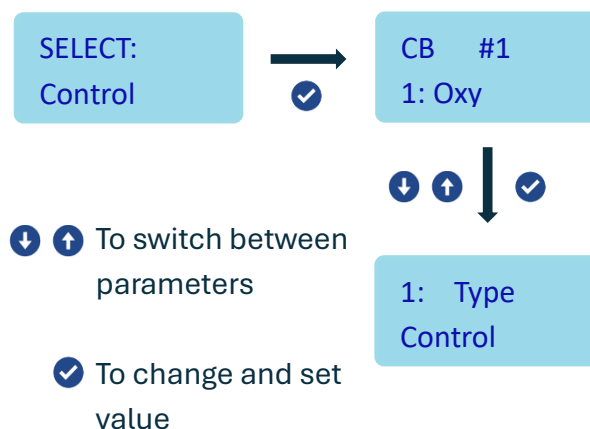
2 Probe Calibration

Depends on probe. More detailed calibration instructions included with probe wiring and care guide



3 Control Blocks

By adjusting the parameters of the control block the Relays can be customized for your system. For more information on Control Blocks refer to the RIU3 Manual.



Parameter	Function
Type	Selects between modes Alarm should be used for Alarm panels and Auto dialers Control should be used for Solenoids
Ch In	Selects which unit the control block is set to i.e. mg/L, %sat, or temp
Relay	Selects which of the 2 relays is connected to the control block
Hi SP	High setpoint
Lo SP	Low setpoint
Del on	Delay for relay to turn on
Del off	Delay for relay to turn off
Action	In control mode, action determines if Relay will turn on Below (Low) or Above (High) the setpoints. Set High for Alarm Mode