



SC4500 Software Package 2.08 – 2022.4

Release Notes

This document contains details about the latest release of SC4500

Release date: February 7th, 2023

What's new – Probe support

Adding support of Analog Conductivity module for inductive and contacting conductivity sensors



The Analog Conductivity module for the SC4500 is a user or factory installed module that allows for connection of analog conductivity sensors to the controller. This module works with both contacting and inductive analog conductivity sensors. See manual for additional connection information.

Adding support of Analog pH/ORP input module – Universal



The pH/ORP module for the SC4500 is a user installed or factory installed module that allows for connection of analog pH/ORP sensors to the controller. This module works with combination and differential pH and ORP sensors. See manual for additional connection information.

Adding support of NT3 series nitrate and nitrite Sensors



Improve your experience in nitrate and nitrite measurement with Hach's new NT3 Series sensors. Hach's NT3100sc UV Nitrate and NT3200sc UV Nitrate and Nitrite Sensors are equipped to meet your unique application needs. Whether measuring nitrate and nitrite in municipal sewage treatment plants, surface water, untreated water or treated drinking water, you'll have the choice of 3 different path lengths to fit your measurement ranges and turbidity compensation needs.

NT3 Series will replace Nitratax plus sc and Nitratax eco sc.

Adding support of FP360sc oil-in-water sensor



Continuous oil-in-water monitoring for the right price. Even the smallest oil traces can impair water quality. The FP 360 sc is specifically designed to detect traces of mineral oils in water while providing the necessary value and benefits for a positive return on investment. The sensor monitors surface water, process water and industrial water continuously. It has a submersible probe design. The sensor comes with an optional cleaning unit. Calibrate once every two years. Available in stainless steel or titanium.

What's New – Bug fixes

Device Error Conditions / Device Warning Conditions on Fieldbuses

Addition of four 16-bit registers available in telegram configuration:

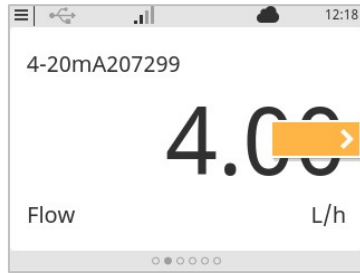
- Device Warning Condition **1**
- Device Warning Condition **2**
- Device Error Condition **1**
- Device Error Condition **2**

They have a fixed size of 16 bits integer and correspond to the division into two parts of the standard "Device Error Condition" and "Device Warning Condition" (auto size integer 16-32-bits).

Bug fixes and stability Improvements

What's new – Improvements

Indicate non-displayed sensors errors and warnings on main view

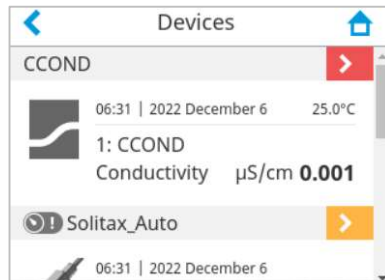
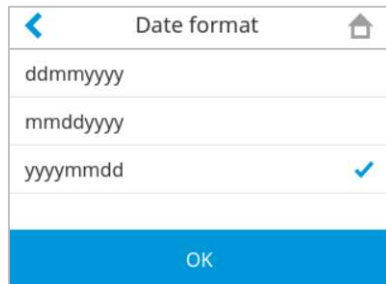


An added icon/button indicates the warning/error of the sensor which is not visible on the main view. By touching it, the user is redirected to the device details page of the sensor.

Increase refreshment rate of displayed sensor measurements of the controller.

Sensor measurement displayed on the user interface are now refreshed every 5 seconds versus 30 seconds before, resulting in a better user experience. Refreshment rate on Claros is unchanged.

Change displayed date based on controller settings date format...



Date format is now adjustable during commissioning wizard and in controller settings.

Possible choices are ddmmyyyy, mmdyyy and yyyymmdd. All dates displayed across the user interface respect the chosen format.

What's New – Claros

Improvement for Claros connected devices



Check this page for a full list of software releases, upgrades, and technical specifications for Claros, the Water Intelligence System from Hach.

<https://www.hach.com/claros/release-notes>

How to contact us

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