

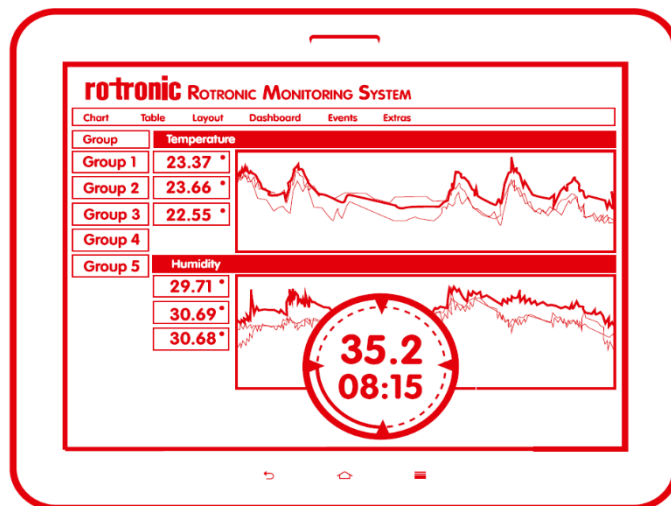
# Rotronic Monitoring System

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## Release Notes – RMS-HCD-S

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### Version: 1.7



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## 1. Version Overview

Please find below the meaning of the version.

- 1: Major version number.
- X.1: Minor version number.

## 2. Rotronic Tracking System

Rotronic use a tracking system to monitor bugs, features, improvements and change requests. This tracking system is the basis for any software, hardware and firmware User Requirement Specification based upon the GAMP@5 validation model.

Each point will be recognised with an ID (eg. RMS-XXX). A description and details are attributed to each point within the tracking system.

All changes documented within the RMS Release Notes will have an ID number and a description.

## 3. Version Control

Version	Release
V1.4	Daniel Schürmann
V1.5	James Pickering
V1.7	Denis Vujcic, 5 <sup>th</sup> of October 2022

## 4. Compatibility

### 4.1. RMS Software

Please see the online manual: <https://service.rotronic.com/manual/versionandchangecontrol.html>

## 5. Version V1.7

### 5.1. Release Details

• **Summary:**

Bug fixed: In bus operation with several participants and longer connection cables, the sensor hangs up after a few hours and can no longer be addressed.

ID	Description
11065-3126	QC880 - Probe freezes in bigger Modbus network

## 6. Version V1.5

### 6.1. Release Details

This firmware version has been implemented to fix minor bugs and customers request. MS6 release date: 23.04.2021.

**WARNING:**  
 After the Firmware update from  $\leq$  V1.1 is it necessary to **power cycle** the RMS-LOG-L / RMS-LOG-868 / RMS-LOG-915. Disconnect the device from the power supply, **ethernet cable and remove batteries and then** push the button for 6s to **perform a complete power cycle**.

**Replace batteries and if used reconnect power supply and ethernet cable. The device will automatically reconnect to RMS (for wireless devices allow at least 5 measurement intervals). Do not reset the device.**

If you do a Firmware update from  $\geq$  V1.4 , nothing of these steps are necessary.

### 6.2. New Features

ID	Description
11065-2928	New MODBUS commands. - Added the function byte order / selectable swap modes

### 6.3. Bug Fixes

ID	Description
11065-2893	Adjustment above 63.35 %rh was not possible

### 6.4. Known Errors

N/A

## 7. Version V1.4

### 7.1. Release Details

This firmware version has been implemented to fix minor bugs and customers request. MS6 release date: 16.09.2020.

**WARNING:**

After the Firmware update is it necessary to **power cycle** the RMS-LOG-L / RMS-LOG-868 / RMS-LOG-915. Disconnect the device from the power supply, **ethernet cable and remove batteries and then** push the button for 6s **to perform a complete power cycle**.

**Replace batteries and if used reconnect power supply and ethernet cable. The device will automatically reconnect to RMS (for wireless devices allow at least 5 measurement intervals). Do not reset the device.**

### 7.2. New Features

ID	Description
11065-2843	New MODBUS commands. <ul style="list-style-type: none"><li>- Preparation for new MODBUS commands to communicate with the HG2.</li><li>- New MODBUS communication map: DV31.11065.003.2.Modbus_Manual_V1.0.</li></ul>
11065.2844	Dew point/frost point output directly from the HCD devices via MODBUS RTU. Dew point/frost point output for the RMS-LOG devices via MODBUS TCP.

### 7.3. Bug Fixes

ID	Description
11065-2845	Peaks on temperature value fixed.
11065.2846	Measurement error when starting up the HCD.
11065.2847	RS485 Network communication handling improved.

### 7.4. Known Errors

N/A

## 8. Version V1.1

### 8.1. Release Details

This firmware version was initial firmware for the HCD. MS6 release date: 05.01.2016