

# sc200 CONTROLLER

## INSTRUCTIONS FOR UPDATING SOFTWARE THROUGH THE SC200 CONTROLLER

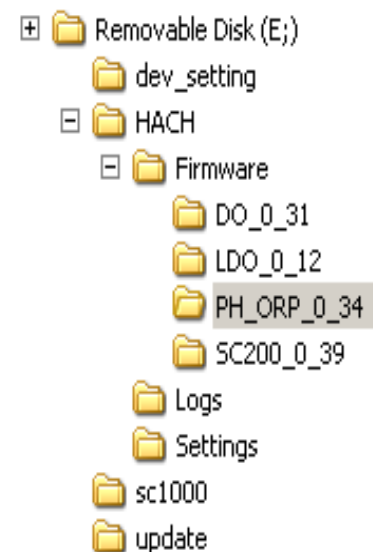
### INTRODUCTION

The sc200 controller enables easy update of the controller and any component attached to it (sc200 itself, sc200 Modules and Digital Sensors). The various software packages are attached to any controller or sensor item, or can be found by searching “software” on hach.com and clicking on the Downloads link near the bottom left of the page.

**To ensure optimal performance it is required to install the most recent sc200 controller software before performing other software uploads.**

### Instructions for Download:

1. Select the appropriate software packages for download.
2. Extract the files to a location on your computer (e.g. your Desktop). Two different files will be saved to this location
  - `<name>_<revision>.zip`
  - “sc sw upload.pdf”
3. If the software package for your sensor is not available, please contact Hach Technical Support at (800) 227-4224
4. **Make sure to carefully read the instructions below before you proceed**
5. Install an SD card in your computer. If available use the embedded SD card reader on your computer or an external SD card reader.  
*IMPORTANT: The maximum size of the SD card used for the sc200 should not exceed 8 GB*
6. Extract the downloaded zip-file `<name>_<revision>.zip` to the root directory of the SD card.
7. While extracting, a directory structure is created on the SD card with the various software packages in the correct location for convenient software upload (see image to the right for example)  
*Note: multiple software packages can be stored on one SD card. Simply extract multiple zip files to the root directory of the SD card. Make sure to “overwrite” folders if prompted.*
8. Use the Windows feature to “Safely Remove Hardware” to ensure that all files have been written correctly to your SD card.
9. Install the SD card in the embedded SD card reader of your controller for software upload.



Example directory structure on SD card

## **Instructions for software upload on the sc200**

**To ensure optimal performance it is required to install the most recent sc200 controller software before performing other software uploads.**

1. From the Settings Menu, select SD Card Setup and push the ENTER key.
2. Select Upgrade Software and push the ENTER key.
3. Select a device from the list and push the ENTER key. The list of options displays all software packages available on the SD card for the controller and all connected components.
4. If more than one version of the upgrade software is available, select the most recent version and push the ENTER key.
5. Note: software versions older than the version that is installed on the controller or sensor are not shown
6. Push the ENTER key to begin the software transfer.
7. The display will show "Transferring files. Please wait..." The percentage of completion appears in the bottom left corner of the display. The upgrade cannot be halted once it has begun.
8. When the transfer is successful, the display will show "Transfer complete" along with a prompt to push ENTER to restart the controller or to push the BACK key and exit to the SD Card Setup menu. Controller updates take effect when the controller is restarted. A restart is not necessary for sensor updates.
9. If the transfer is unsuccessful, the display will show "Transfer failed". Press the ENTER key to acknowledge the warning and exit out of the menu and try again. If the upload keeps failing please contact Technical Customer Support.

**FOR TECHNICAL ASSISTANCE, PRICE INFORMATION AND ORDERING:**

**Tel: 800-227-4224 | E-Mail: [techhelp@hach.com](mailto:techhelp@hach.com)**

**To locate the HACH office or distributor serving you, visit: [www.hach.com](http://www.hach.com)**

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