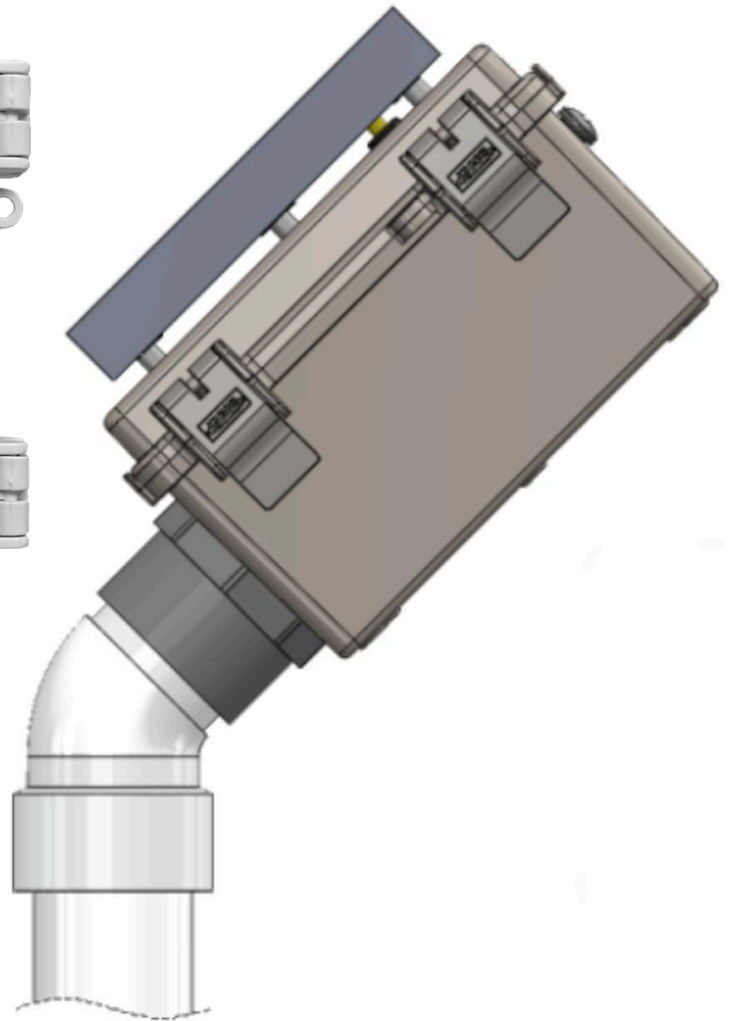


Acclima

SOLAR DATA SNAP

UPDATE NOTICE

2023



MAY 23

Acclima
support@acclima.com

Firmware Version. 46.1.2.0 UPDATE NOTICE

What's new?

Acclima has released a new firmware update for Solar DataSnaps. It should be applied immediately to all Solar DataSnaps to provide new features and avoid the possibility of a rare occurrence causing data to not be captured by the Solar DataSnap. Updating the Solar DataSnaps will need to occur manually and on-site where the device is installed. Steps to complete the updates are available within the following pages and are arranged from the shortest to longest, in time-to-completion for multiple Solar DataSnaps. The time to complete an update is approximately 60 seconds per Solar DataSnap.

Patch Notes:

- Improved system stability
- Fixed a bug that caused the real-time clock to lose time or stop.
- Fixed bug that caused data to stop logging during rare environmental conditions.
- Added redundant real-time clock drift compensation.
- Added self-healing data logging.
- Added support for exFAT flash drive formats.

Update Requirements:

Flash Drive Method

- USB Flash drive
- Micro-USB to USB-A adapter
- Windows or MAC



SnapView Method

- Micro to USB-A cable
- Windows PC



UPDATE PROCEDURE I – USB DRIVE

Download the Acclima firmware update version 46.1.2.0.

- Use the [link](#) provided to visit the firmware update page for Solar DataSnaps.

Flash Drive Method

Create the following folder structure inside the desired USB flash drive.

Acclima\DataSnap\Updates

1. Find the flash drive in File Explorer or Finder Application.
2. Create a new folder in the drive and rename it to “Acclima”.
3. In the Acclima folder create a new folder and rename it to “DataSnap”
4. In the DataSnap folder create a new folder and rename it to “Updates”.
5. Copy the 46.1.2.0 firmware update file and paste it into the “Updates” folder.
6. Connect a micro-USB adapter to the flash drive or use the Acclima provided flash drive that includes the micro-USB connector.
7. Plug the micro-USB into the female micro-USB port found on the Solar DataSnaps Rev 2 or older. *[Rev 3 newer Solar DataSnaps: plug the full USB-A into the USB-A port on the circuit board.]*
8. Monitor the Activity LEDs. The USB LEDs will flash rapidly until the process is complete.
9. Remove the flash drive when USB LEDs have stopped flashing for longer than 15 seconds.



Note: Use a micro-USB to USB-A adapter if you have not purchased an Acclima USB drive.

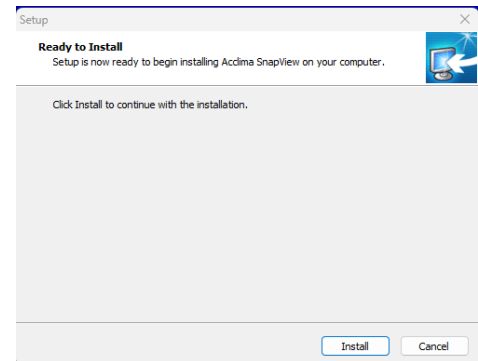
UPDATE PROCEDURE II – USB CABLE

SnapView Method

Using SnapView to update a Solar DataSnap's firmware requires the SnapView software to be installed on a PC and a micro-USB cable be plugged into the Solar Data Snap and the PC together so the firmware can be transferred.

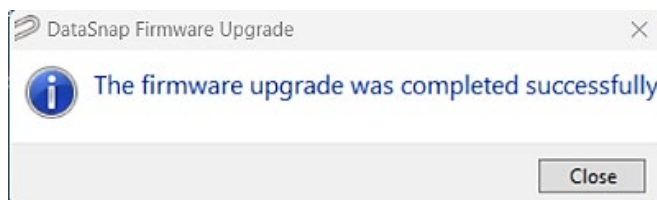
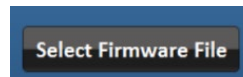
Install SnapView

1. Visit our website to download the latest version of [SnapView](#).
2. Double-click the download to run the installer.
3. Complete the installation and launch the SnapView application.



Update Solar DataSnap Firmware with SnapView

1. Plug in the Micro-USB cable into the Micro-USB port on the Solar DataSnap.
2. In SnapView click "Tools" then click "Upgrade Firmware".
3. Click the "Select Firmware File" button.
4. Locate the downloaded firmware 46.1.1.0 or newer file and click 'Open'.
5. With the Solar DataSnap plugged in press the "Begin Upgrade" button.
6. Once the progress bar has finished, a notification that the "upgrade was completed successfully" will appear.



Acclima, Inc.

1763 W. Marcon Lane, Ste. 175

Meridian, Idaho, USA 83642

www.acclima.com

call toll free within the USA:

866-887-1470

email: sales@acclima.com

© 2023 Acclima, Inc.

All Rights Reserved