

Using a Mac to Download Dylos Data

Three Steps

1. Download software from the internet
2. Connect the Dylos
3. Start the download
4. Upload the files online

Step 1. Download software from the internet

NOTE: You must download and install both software to complete the Dylos download.

- A. 1. Install & run the driver for TRENDnet TU-S9 USB-to-Serial cable (white cable).
http://www.trendnet.com/support/supportdetail.asp?prod=265_TU-S9
Select *DOWNLOADS / SUPPORT* from the menu tabs below the product image.
2. After to download finished, unzip (open) the *.pkg* file and follow the prompts to run the driver.

- B. Download the ZOC serial to USB terminal software here:

<https://www.emtec.com/download.html#zocfiles>

1. Click on “DOWNLOAD” in blue.
2. Click the button to “START DOWNLOAD”.
3. After the download is finished, open the *.dmg* file and follow the instructions to run the software.

Step 2. Connect the Dylos

- A. Ensure the Dylos unit is off (there will be nothing on the LCD display)
- B. Using the white TRENDnet TU-S9 cord, connect the Dylos to your computer’s USB port.
NOTE: Connect each Dylos separately. Do not connect more than one Dylos to your computer at one time.
- C. Using the power switch on the side or the on/off button on the front, turn on the device.

Step 3. Start the download

- A. Open the ZOC software
To find this software, open your computer’s finder and browse to the bottom of your apps folder, or search for “ZOC”.
- B. The “Quick Connection” window will pop-up. Configure it as follows:
 - a. In the *Connect to* field type “serial”
 - b. In the *Connection type*, select “Serial/Direct”
 - c. In the *Emulation*, select “TTY”
 - d. Click *Configure* next to *Connection type* then checkmark the “override” in the pop-up window.
Select the following options:
 - i. For *Com-Port* click scan. A list of options should appear, one of which will look like “Prolific Technology Inc. USB-Serial” – select that option and click OK
 - ii. Change the options to select “9600” “8N1” “RTS signal off” “DTR signal on”.
 - e. Click OK, then click Connect. You should get a “CONNECTED TO serial” confirmation line.
- C. In the overhead menu, choose *Logging*, then *Set Logfile name* and specify what you will call the file and where you will save this download data.

ROCIS Low-Cost Monitoring Project

Note: Zoc will automatically create a file to store your downloads unless you specify them to be saved somewhere else. To view this file, click Logging, and then select Show Logfile Folder to find your file.

- D. Back at the main screen, select your mouse inside the ZOC window, and hold down *Shift + D + Enter*.

Note: If you are having difficulties experiment using the Caps Lock key vs. holding Shift to enter your capital "D". Also, try varying your typing speed, i.e. Press D, wait 1 second, Press ENTER, or Press D, wait 3 seconds, Press Enter. It may take a few tries.

Note: the "D" will not be shown on the Computer's terminal screen, but it will be transmitted to the Dylos device.

- a. Once the user has done this, the DC1700 will respond with the date and time, followed by the minute history. *It will look something like this:*

08/07/16 20:01, 890, 78

08/07/16 20:02, 1051, 90 etc.

- b. When all the data has been downloaded, click *Disconnect* and "yes". A line will appear confirming the disconnection and end of the download session.

Note: You will know the Dylos is done downloading if you notice:

- The downloads have stopped

- The last download is at the current time or the time when the Dylos was last turned off.

- A line of dateless/timeless data appears (the current minute's reading)

- c. Navigate to wherever you saved your file in Step C.

Confirm that the file size is ~200-400 KB in size for 7 days worth of data.

Open the file in Notepad or Explorer, to ensure that the file is populated with your Dylos data.

Check the last (lowest) datetime in the file to confirm that's when the unit ended monitoring.

Check the first (highest) datetime in the file to confirm that's when the unit started monitoring.

If all data downloaded successfully, scroll through the "MODE" (middle) button on the unit until you come to the *Clear History?* Screen.

Press the right most "SELECT" button.

Step 4. Upload Files

- A. Navigate to the Sharefile link: <https://lindawigington.sharefile.com/share/getinfo/r14c810b22454a529>
- B. Fill in your information when prompted (Name, e-mail, etc.)
- C. Find your files on your computer in the selected folder you created (referenced in step 3.D.)
- D. Either drag/drop these files into the upload window, or use the "Browse Files" link to navigate to them.
(Note: Sharefile will not upload entire folders)
(Note: Please upload all your files in one session, not in multiple new upload sessions)
- E. Click "Upload" and ensure you get confirmation of your upload in the browser window.