

Steps to Download Missing Records :

1. Connect your laptop to SapIP's USB connector, wait for COM port number to be generated.
2. Open TeraTerm program, choose "Serial" – new COM port, click "OK".
3. Go to menu "Setup" – "Restore Setup", select file name "SapIP-TeraTerm.ini" and click "Open". If you don't have this file on your laptop, you may download it from our public FTP server at, <ftp://ftp.dynamax.com/SapIP-Support/Teraterm/SAPIP-TeraTerm.ini>.
4. Type " *** " in three quick and consecutive strokes. A " \$ " will appear on the screen in a new line.
5. Type "STOP" and hit "ENTER" key to stop logging, then type "STAT" and hit "ENTER" key to make sure the logging is stopped. A "-----K" at the end of the status response indicates logging has been stopped.
6. Go to "File— Log" and save the file with specific name and location. A new TeraTerm window is popped up in the background and data recording now started.
7. Type "RETRN #####" (##### is the starting record number, there is a space between RETRN and #####) and hit "ENTER" key to start downloading data.
8. Until download is completed, go to the popped up TeraTerm window in step 6 and click "Close" button to stop data recording.
9. Type "START" and hit "ENTER" key to start logging.
10. Now you can safely disconnect your laptop from SapIP.
11. Move to the next SapIP and repeat steps 1-10.
12. After data has been collected from all SapIP, go to agrisensors.net and check each SapIP status to make sure **logging enabled and date/time synced**. Then, change gateway Awake mode to "FALSE" by clicking on "STOP AWAKE MODE" button then ""Discover SapIP" button (note: gateway must be run-ning with awake dia.yml python driver with 20ms sleep and 8000ms awake).