Manual DataHog2 with GPRS connection

How to connect to a Skye DataHog2 where a GPRS is used.

1. Locate the RS232 port on the DataHog2, remove the RS232 cable that connects the DataHog2 to the GPRS unit.
2. Remove the battery cover from the DataHog2 and insert 6 type C (PP3) batteries in the DataHog2, ensuring you get the correct orientation. Press the 'PSU Reset' button, you should hear a faint 'click'.
3. Connect the Skye Datalead and USB Serial Converter (Figure 1) to the RS232 port of the DataHog2 and the USB port on your PC (Figure 3).
4. Open the Skye Instruments software on your PC (SkyeLynxComms is recommended and used in this guide – it is available to download from our website), ensuring the box at the top of the screen are set to the defaults (Figure 2). Check you have the correct COM port by checking your device manager (figure 4).
5. Click the 'Connect' button followed by the "wake up device / return to main menu" button and proceed to connect to the device, following the on screen instructions to complete your desired task.
6. Before reconnecting to the GPRS, please ensure you have returned the DataHog2 to 'Logging Mode' by disconnecting from the COM port. The DataHog2 should begin beeping at 10 second intervals.
7. Once you have heard the device beep 2 or 3 times, disconnect the RS232 cable from the RS232 socket. The DataHog2 will stop beeping but is still working.
8. Now you can remove the batteries from the device and replace the battery cover.
9. Reconnect the cable from the GPRS unit into the RS232 socket on the DataHog2.
10. Unscrew the cover to the GRPS unit and locate the green connector (Figure 5).
11. After a few seconds has passed, reconnect this connector to restore power to the unit. You should now hear the unit beep and see the LED's flash and it commences its start-up sequence.
12. After this sequence has completed, the first (top) green light should flash every 10 seconds, indicating that a wake up string has been found.
13. Replace the cover to the GPRS unit and check the online server to see if you data has uploaded successfully. The data will take a few minutes to make it onto the server, not including the log time programmed on the hog. If it is set to log data every 30 minutes, this length of time will need to pass before data is sent to the server.

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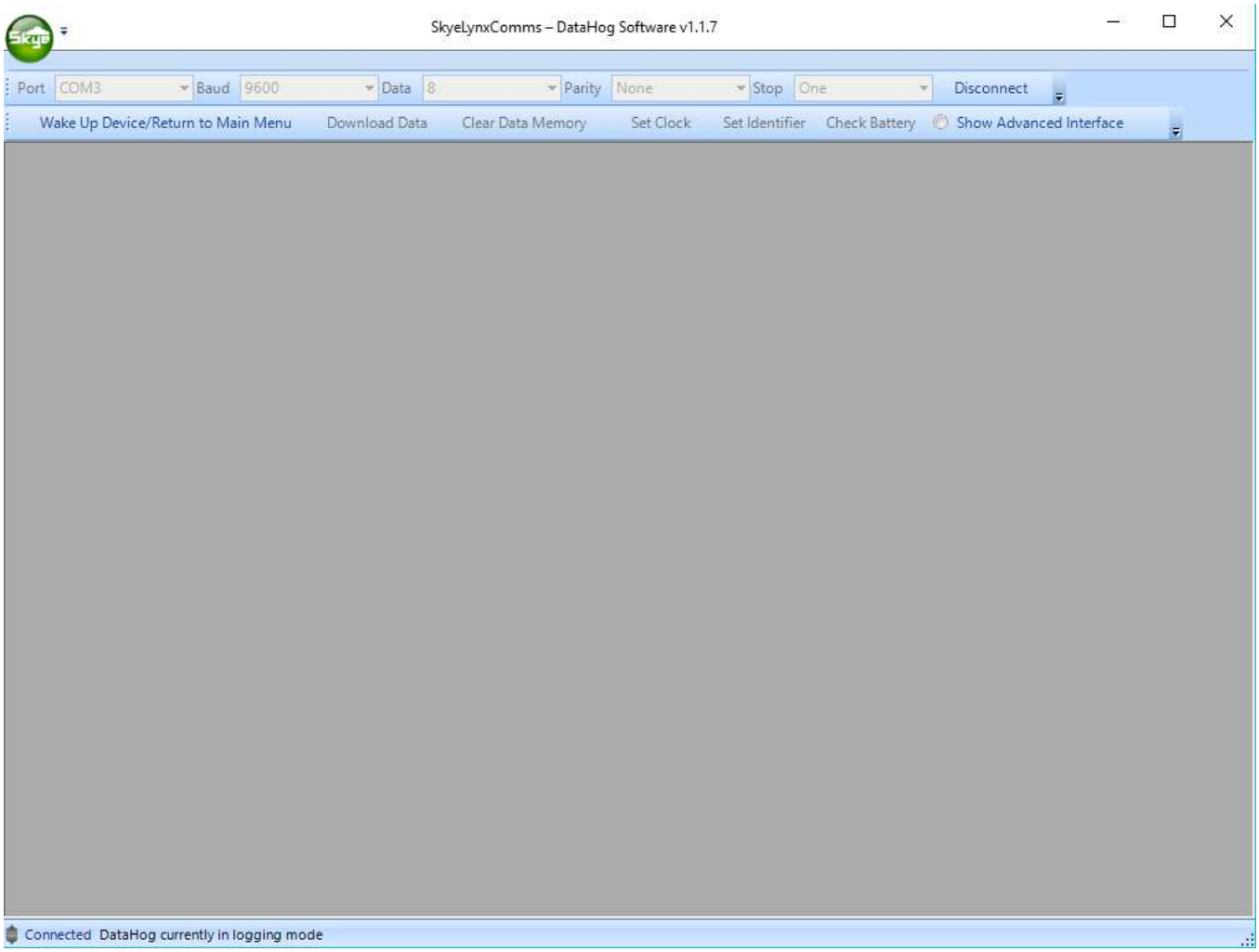
Figures

Figure 1: USB Serial Converter.

Figure 2: The main home screen of SkyeLynxComms.



Figures

Figure 3: Connection Setup.

Figure 5: GPRS Power connector.

Figure 4: Device Manager with a Skye USB Serial Converter shown on port 3.