

DataStorm installation of a DW6000 modem with LCU-1

Note: You will need access to a DW4000 IRU, and DW4020 installer software to complete this installation.

CPU Requirements:

Windows 2000 or XP OS, PIII 800mhz(or equivalent), 256mb RAM, dedicated Serial COMM port. dedicated Ethernet port, USB port.

1. Ensure that all prior and existing versions of DataStorm and Direcway software are uninstalled from the CPU that will be connected to the DataStorm Controller for positioning of the dish. Also Ensure that the "DPC" registry Key has been removed from the windows registry at HkeyLocalMachine >> system.
2. Begin the Software installation of the DW4020 installer software. When prompted for receive modem device driver installation, connect the DW4000 receive modem to the PC via USB port. Complete the installation of the DW4020 installer software by choosing next and selecting default values for installation locations until you can click the finish button.
3. When prompted to Begin the web setup portion of the install choose EXIT.
4. From the Start >> Programs >> Direcway Installer menu right click on the antennae pointing icon and choose send to >> Desktop (create shortcut).
5. Locate the Desktop shortcut for Antenna pointing right click it and choose properties.
6. In the shortcut TARGET input box you should see something similar to:
"E:\Program Files\DIRECWAY Installer\BIN\websetup.exe" /POINTING
after: /POINTING add : /manual .. to have it then read:
"E:\Program Files\DIRECWAY Installer\BIN\websetup.exe" /POINTING /manual
choose APPLY, then Choose OK
9. Double Left click the Antenna Pointing Icon to begin the process. Enter in your current Zip code. Click next. Enter in the satellite information to reflect the SAN ID info you received for the 6000 modem. *for example 117 west, 1110 MHz, 30 msp, vertical receive, horizontal transmit.* click next. allow this program to run in the back ground as you proceed to step 10.
10. Ensure the LCU-1 is connected to its power source, the mount control cable, and the computers serial port. Turn ON the LCU-1 and install the Latest version of the DataStorm Administrator software. Choose all defaults while clicking next and choose NOT to restart the computer before selecting finish.
11. Double click the DataStorm administrator icon on the desk top, if prompted allow the firmware upgrade and dish calibration to complete. By pass the license registration. Use the ADVANCED settings and open configure server to override compass settings if nessasy. Find satellite.
12. Exit out of the antenna pointing software.
13. Connect the 6000 modem to the computer via the Ethernet cable provided.

14. Access the 6000 modem from the computers internet browser using 192.168.0.1/fs/advanced/advanced.html in the address bar and hit enter. then in the advanced screen choose setup. Select registration - installer. Enter the Zip code of the installing location and select next. Verify the information is correct and select next. Enter in the satellite information to reflect the SAN ID info you received for the 6000 modem. *for example 117 west, 1110 MHz, 30 msp, vertical receive, horizontal transmit.* click next. Verify the information and select next. Continue to select next until you reach the Transmit antenna pointing screen and Choose Automatic. when the unit passes the Automatic cross pole select next. Select a registration server and click next. when the keys finish downloading click next. On the following prompt click OK. Click Next until you can enter in the Account information including the SAM and PIN number. When registration is complete select NEXT again. at this point you can configure the Direcway email account (not recommended) and click continue. A Registration Complete screen appears, click continue. A Terminal Reset window appears, Click restart. Click close. The unit is now commissioned.

15. Reboot the computer.