Welcome to the XBee Sniffer!

Before Installation

There are several requirements which must be in place before installing the XBee Sniffer.

Wireshark

This program requires Wireshark 1.12.0 (32 bit) to run. If you do not have this version of Wireshark installed, you may follow the directions in this Digi Installation Wizard, or you may install it manually beforehand. This program is not compatible with any other versions of Wireshark.

Sniffing Firmware

In order to install the appropriate firmware on the sniffing XBee, one must do the following:

1. Open up (New) XCTU and click the (?) in the top toolbar
2. Click Update the Radio Firmware Library, select Local file, and navigate to the packaged zip folder (xb24-dm_A070.zip).
3. This should install hte firmware in XCTU and allow you to flash it to modules. The firmware is under "XB24-DM -> XBee DigiMesh 2.4" with version A070.

Installation

1. Upon entering the installer, the first page you will see is the welcome screen.

2. After the welcome screen, you will see the End-User License Agreement page.

3. In the event WireShark 1.12.0 is not installed or installed to a non-default directory, you will see this page. If you already have WireShark 1.12.0 installed, locate installation and skip to step 16 of these instructions. If you do not have Wireshark, or have a different version of Wireshark, click install on this screen to get the correct version. If other versions of Wireshark are found, the installer will prompt you to uninstall them. It is recommended that you do so.

4. This is the first page of the Wireshark Installer setup.

5. This is the WireShark license agreement page.

6. This is the component selection screen of the Wireshark Installer. Please select appropriate components. It is recommended that you leave all items selected.

7. This is the additional tasks selection screen of the Wireshark Installer. Please select appropriate tasks.

8. Select the installation directory for Wireshark. It is recommended that you use the default path.

9. In the event one does not have WinPcap, a software required to run WireShark, installed, the user will see the following screen.

10. This is the first page of the WinCap installer.

11. This is the license page of the WinCap installer.

12. This is an options page of the WinCap installer.

13. The WinCap installation process has completed.

14. Once the Wireshark Installation process is complete, you will see this screen.

15. This screen ensures the installation process is complete. Click finish; it is not necessary to run WireShark. Congratulations! The first half of the installation procedure is completed.

16. Next, this screen will prompt the user to install the Digi Sniffer application.

17. This screen welcomes you to the Digi Sniffer Setup Wizard

18. Select the installation directory for the Digi Sniffer. It is recommended that you use the default location.

19. This screen ensures the appropriate shortcut is created for this program in the Start Menu.

20. This screen allows the user to create a desktop icon.

21. Before the application installs the program, it gives the user an overview of tasks which are about to be executed.

22. This screen shows the user the Digi Sniffer installation is complete, and the application is ready to run. To run the application immediately, check the "Launch Digi Sniffer" checkbox before finishing.

23. Upon finishing, one should see the following screen in the installer. Click exit to close the installation wizard.

24. Voila! The installation is complete, and the application is ready for use! If the user chose to launch the application, it will display this loading screen and begin running. Otherwise, the application can be launched from the start menu or desktop icon.

<!--- ##Using the program -->

NOTE: The sniffing module MUST be on a baud rate of 115200.