

XTermPPC V2.1

XTermPPC is a program for the Pocket PC used to communicate with Sutron's Xpert and Xlite (9210) products. It is similar to XTerm, the program for the desktop PC also used to communicate with the Xpert/Xlite. XTermPPC contains the same functionality as XTerm for the desktop PC.

XTermPPC is compatible with all Xperts and Xlites.

XTerm allows you to:

- See and manipulate the graphical display to do system setup.
- Download logs.
- Upgrade firmware.
- Transfer files between the Xpert/Xlite and your Pocket PC.

New with Version 2.1

With the release of version 2.1, XTerm adds the following functionality:

- Improved reliability of upgrades.
- Single installer supports Pocket PC 2000, Pocket PC 2002, and Windows Mobile 2003.

Installing XTermPPC

XTerm is installed by executing the installation program on your PC while it is connected to the Pocket PC device. Your PC must have Microsoft ActiveSync installed. If you do not have ActiveSync yet, it can be downloaded from <http://www.microsoft.com/windowsmobile/downloads>.

To install XTermPPC, perform the following:

- Uninstall XTermPPC if it is currently installed.
- Download and execute XTermPPCSetup.exe.

Using XTermPPC

Detailed instructions for using XTermPPC can be found in the Xpert or 9210 User Manual. However, some of the more important points are discussed here.

Null Modem

In many cases, you need a null modem and gender changer to connect the handheld to the Xpert/9210. Specifically, if the sense of the connectors on the handheld cable and Xpert port are the same (either both DCE or DTE), then a null modem and gender changer is required.

Starting the Application

Start XTermPPC by selecting Start – Programs – XTerm. The connect menu will appear. Select the com port (usually COM1, although the port number may be different if you're using Bluetooth or an add-on serial card).

Once XTermPPC has successfully connected, you see the Xpert/9210 application displayed on the screen in landscape mode. Tapping the handheld's screen passes the tap as a mouse click to the application. Hence, if you want to start recording, simply tap the start recording button on the display.

In addition to interacting with the Xpert/9210 application, you can access the XTermPPC menu in order to perform other tasks such as file transfer and upgrade. To access the menu, press-and-hold your stylus on the display screen until the menu appears. Then select the desired menu item.

File Transfer

When in the file transfer dialog, you perform an action on a file by selecting the file, then tap-and-hold on the file to obtain the file transfer menu. Then select what you want to do with the file from the menu. This can include transferring the file and deleting the file.

Upgrade

When you select the “upgrade” button from the main menu, XTermPPC prompts you for the upgrade file that defines the files to be used during the upgrade. After selecting the upgrade file, XTermPPC completes the upgrade automatically.

XTermPPC is installed with all the upgrade files needed for the version of Xpert available at the time XTermPPC was released. If you need to upgrade to a newer version of Xpert (typically downloaded from the Sutron website), then transfer all necessary files to the handheld from your PC.

The necessary files consist of the upgrade script file (e.g., Xpert.upg), and the application files (typically Xpert.lod, Xpert.ker, Xpert.ext, and autoexec.bat). In addition, if you have modified the upgrade script file to send additional files during the upgrade (for example an SLL file), then those files are also required.

All files used in the upgrade must be transferred to the “My Documents” folder on the PocketPC device, and the following line must appear at the top of the upgrade script file:

```
p "\My Documents\"
```

The “My Documents” folder on the PocketPC device may be accessed from Windows Explorer (on the desktop PC) by selecting Mobile Device – My Pocket PC – My Documents.

Tested Platforms

XTerm has been tested on the following Pocket PC platforms and accessories:

- HP iPaq 2215
- HP iPaq 4155
- HP iPaq 5455

- Socket Cordless Serial Adapter (Bluetooth dongle)
- Socket Compact Flash Serial I/O Card
- Quatech Compact Flash Serial I/O Card (CF232-R)