

Driver Installation

Copy the “iwld_drv.o” file to “/usr/X11R6/lib/module/input”. Depending on your distribution and X Window version, the directory may be different.

Current Supported Devices

Although any standard cursor device, such as a mouse, can be used with the InterWrite software, only the following devices are supported by the Driver, which is installed as part of InterWrite.

- GTCO CalComp SchoolBoard (**Serial Only**)
- GTCO CalComp SchoolPad 100 (**Serial Only**)
- GTCO CalComp MeetingBoard (**Serial Only**)
- GTCO CalComp MeetingBoard LX (**Serial Only**)
- GTCO CalComp MeetingPad 100 (**Serial Only**)
- Research Machines PLC (RM) ClassBoard (**Serial Only**)

Supported Operating Systems

- RedHat 9
- Fedora Core 1 & 2
- Fedora Core 3
- Mandrake 10

The above Linux Distributions have been tested but the pre-compiled driver should work with all XFree86 and X.org systems with minimal manual configuration.

Manual Driver Configuration for Advanced User's

The InterWrite Linux Installer tries to configure your system for the device specified during setup, but not every system is the same. Below are instructions to configure XFree86 >= 4.x and X.org. These instructions assume that you have completed the installation and that you are familiar with configuring XFree86 or X.org.

- Mandrake configuration file to be edited (XFree86):

/etc/X11/XF86Config- 4

- Red Hat configuration file to be edited (XFree86):

/etc/X11/XF86Config

- X.org configuration file to be edited:

```
/etc/X11/xorg.conf
```

For an X.org system, the installer will not create and/or update the xorg.conf file automatically during installation. As a result, you will have to add the following sections to the xorg.conf file. Although not necessary, I recommend removing the XF86Config file that is automatically created by the installer, this will help eliminate possible confusion.

You should already have a "ServerLayout" section. If you are running an XFree86 system, the installer tries to add the line shown below to this section. When the configuration file loads on startup, this line runs the section InputDevice with IWTablet as the Identifier. Be careful not to remove any existing items already in this section!

```
Section "ServerLayout"
    # Add the line below.
    InputDevice "IWTablet" "AlwaysCore"
EndSection
```

Add this section to the Configuration file.
#TabletDriverStart and #TabletDriverEnd are used for reference. The uninstaller searches for these comments when uninstalling the driver.

```
#TabletDriverStart (Schoolpad/Meetingpad 100)
Section "InputDevice"
    Identifier "IWTablet"
    Driver "iwld"
    # Set the Communications Port to COM1 or ttyS1 = COM2
    Option "Device" "/dev/ttyS0"
    Option "Mode" "Absolute"
    Option "DataFormat" "GTCO_Type5"
    # Set the tablet to work like a mouse
    Option "EmulateMouse" "yes"
    # Set the Baud Rate for the Communications Port
    Option "BaudRate" "19200"
    # Set the X size of the tablet
    Option "MaxX" "9000"
    # Set the Y size of the tablet
    Option "MaxY" "6000"
EndSection
#TabletDriverEnd
```

To add another device, repeat Steps 1 and 2, but change the Identifier in both steps from IWTablet to something like IWTablet2. Having two lines in Step 1 that reference the same Identifier could cause problems with the tablet's operation. You must also change the Communications Port so two drivers are not being loaded to the same port