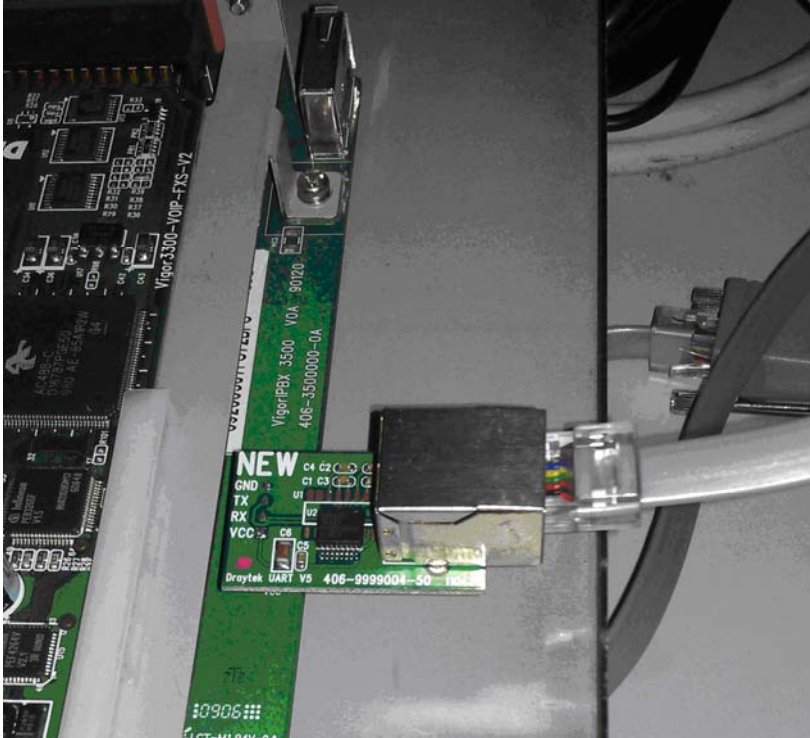


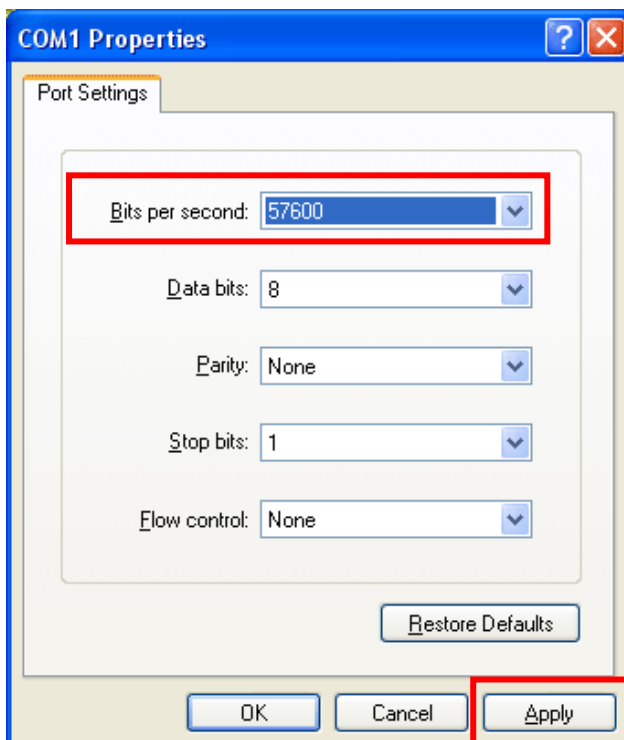
# How to configure VoIP Module of VigorIPPBX as TFTP Mode to upload the Firmware

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1. First, please remove the upper cover of VigorIPPBX 3510 and connect the Console module to the specified location (as shown below):



2. Open the HyperTerminal utility installed on the computer and set the **Bits per second** as 57600 (as shown below). Click **Apply**.





After finished the uploading, the VoIP module will restart. Later, you can see related information such as firmware version, hardware version and so on (as shown below).

The screenshot shows a Windows desktop environment. In the foreground, a TFTP client window is open, displaying the upload progress of a file named 'V3K52265\_RC6\_en.all' to a host at 192.168.1.249. The progress bar indicates that 4716915 bytes (100%) have been sent. In the background, a terminal window displays the output of the upload process. The terminal shows a series of 'slot = 0 sector size = 65536' messages, followed by 'Updating flash block at bfcf0000' and 'Updating flash block at bfcf0000 upgrade finished'. Below this, the terminal displays the following configuration commands and their outputs:

```
set ethaddr0 00:50:7f:64:3b:2c
set ethaddr1 00:11:22:33:44:55
set ethaddr2 00:11:22:33:44:55
set #default_nif_wan1_mac 00:11:22:33:44:55
set #default_nif_wan2_mac 00:11:22:33:44:56
set #default_nif_wan3_mac 00:11:22:33:44:57
set #default_nif_wan4_mac 00:11:22:33:44:58
set flash0_0 "780000:80000:general"
```

Following the configuration commands, the terminal displays the device information:

```
DrayTek Corporation Vigor 3500 series
Hardware version: 1.0
Firmware version: 2.6.5 RC6 (EN)
```

At the bottom of the terminal window, the following messages are visible:

```
[DSPv2]AudioCodes AC48802ce3 VoicePacketizer(C) Stack Init
[DSPv2]Number of a_
```

The terminal window also shows a status bar at the bottom with the following information: 連線 00:16:27 ANSIW 57600 8-N-1 SCROLL CAPS NUM 擴 列印