

G90 Firmware Update Instructions

The following items are needed:

- A. USB-to-Serial cable
- B. G90
- C. A computer running windows(XP/Vista/7/8/10)operation system
- D. A 12~15VDC(current ability not less than 5A)power supply

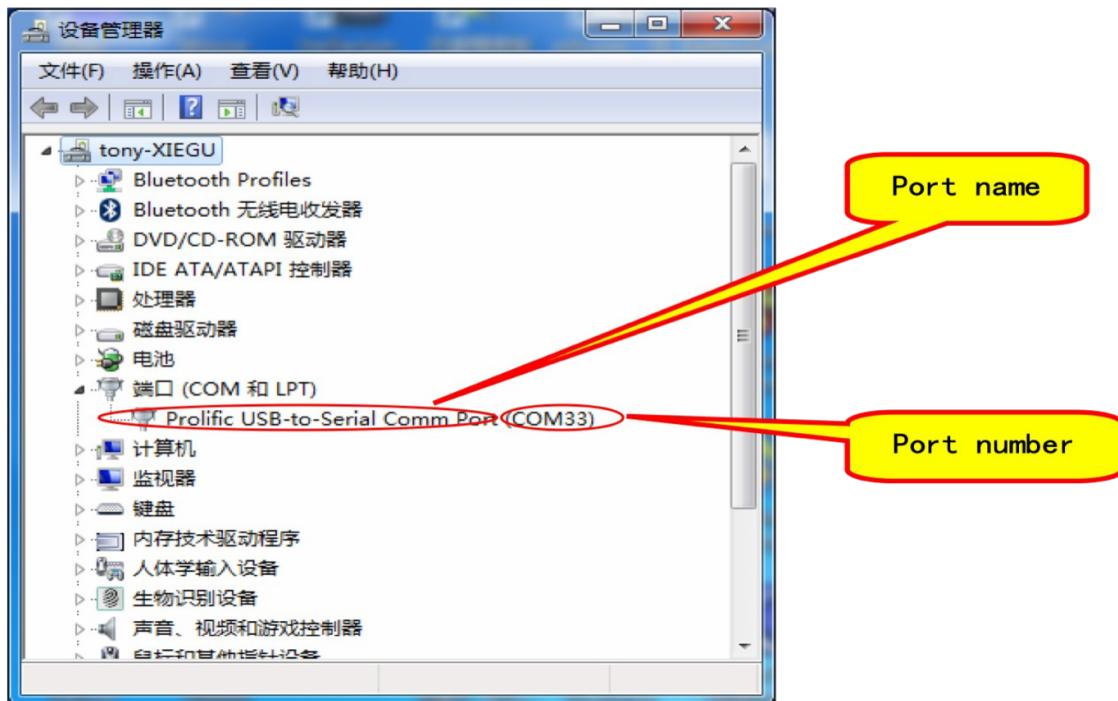
1. Install USB-to-Serial cable:

The very first thing is to make sure that the USB-to-Serial cable is working properly on the computer. After the cable is plugged into the USB port of the computer, the operating system will prompt to find the new hardware, and then the operating system will automatically install the driver of the new hardware. If all goes well, we can see the virtual serial port in the device manager of the computer. If the driver can't be automatically installed by the operation system then we need to install it manually (driver files can be found in the update pack).

After that, we can see the virtual serial port and its port number (which in my computer is COM33) in the device manager.

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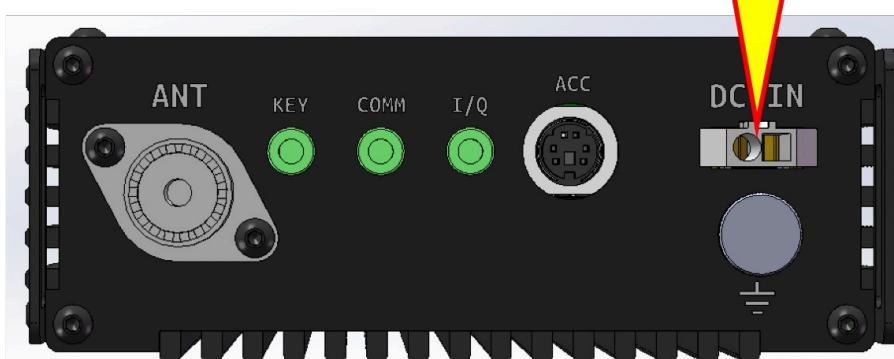
G-90



Xiegu G-90

2. Wiring everything up:

2.1 Connect power cable



Plug in Power cable here 2.2 For Head updating:



Plug in
USB-to-Serial cable
here

Plug in USB-to-Serial cable here

2.3 For Base updating:

G-90



Plug in
USB-to-Serial cable
here

These instructions are exactly the same for the Base Unit and the Head Unit. There is NO NEED to separate them to update the firmware.

The Base Unit is Updated 1st via these instructions. Then the Head Unit is Updated.

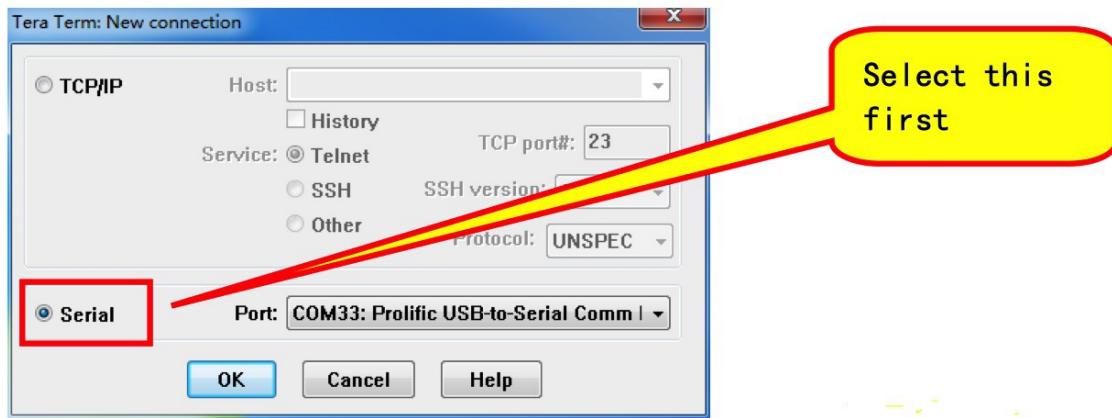
the same version number.

Both units must be Updated and have

3. Update firmware via hyper terminal software: TeraTerm 4.96 is contained in the Xiegu ZIP file available for downloading.

3.1 Configuration of TeraTerm4.96

a) Select the serial port:

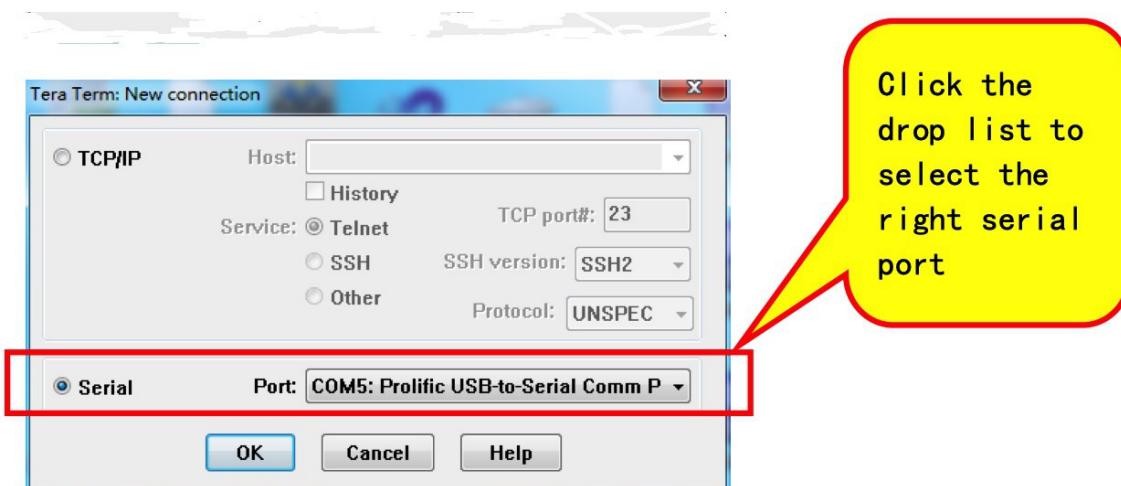


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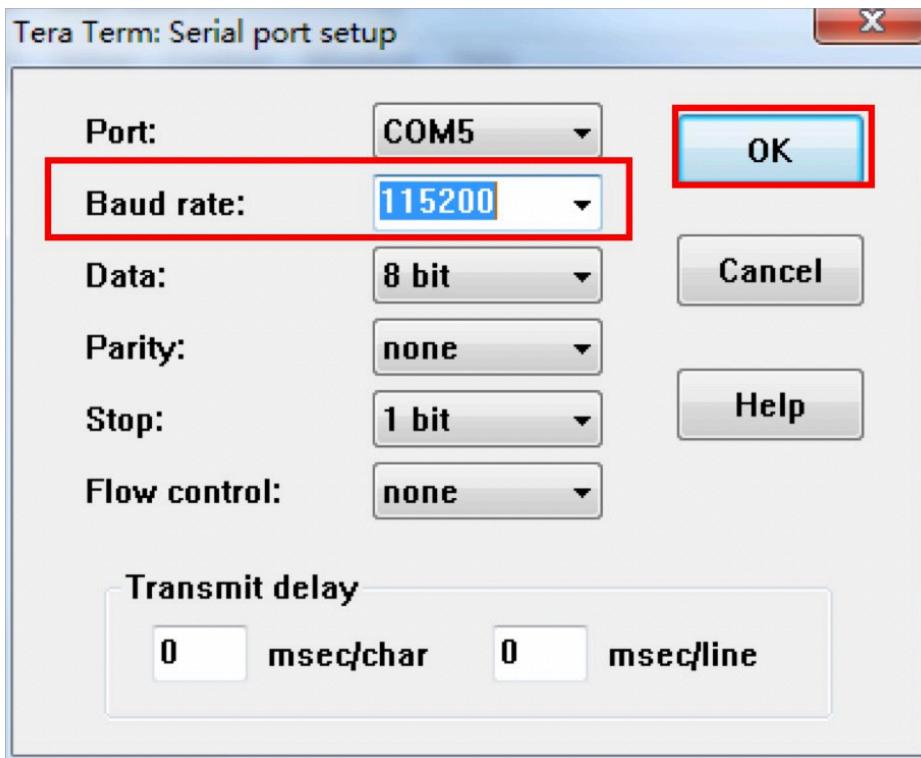
Select this first

a) Select serial port:

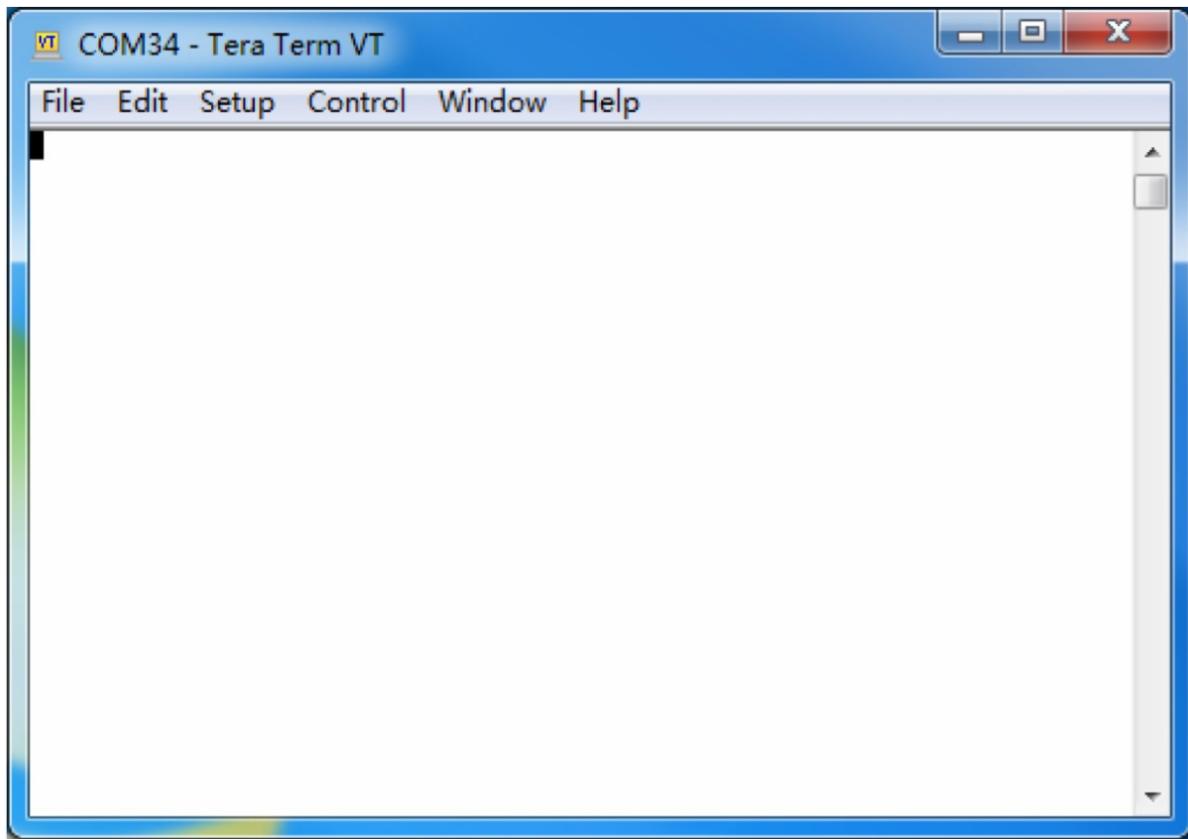


Click the drop down list to select the right serial port
Select the baud rate:

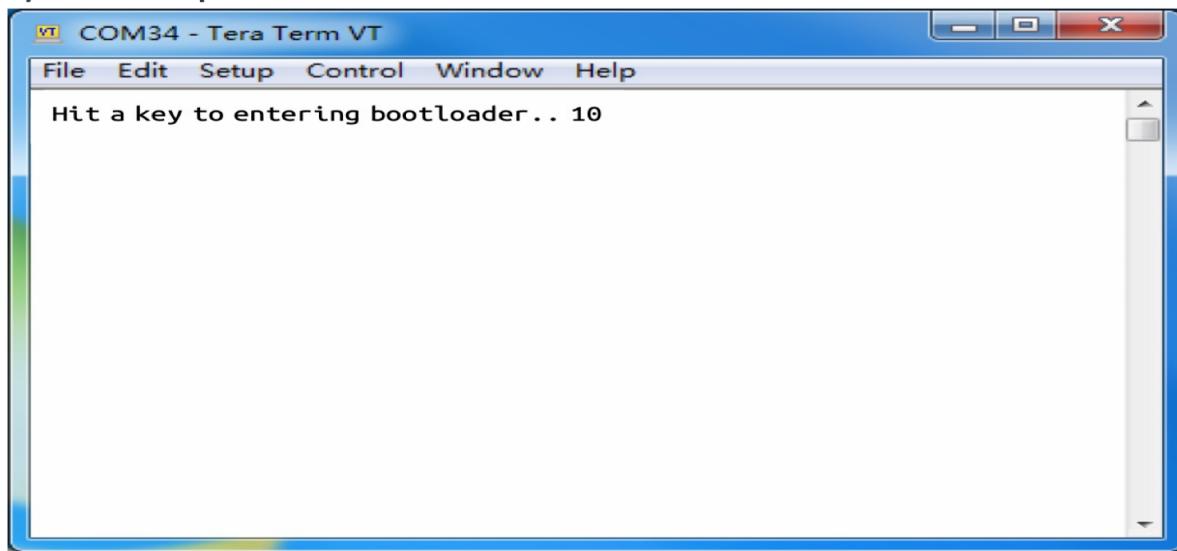
Click Baud rate drop down list and select **115200** & Click OK



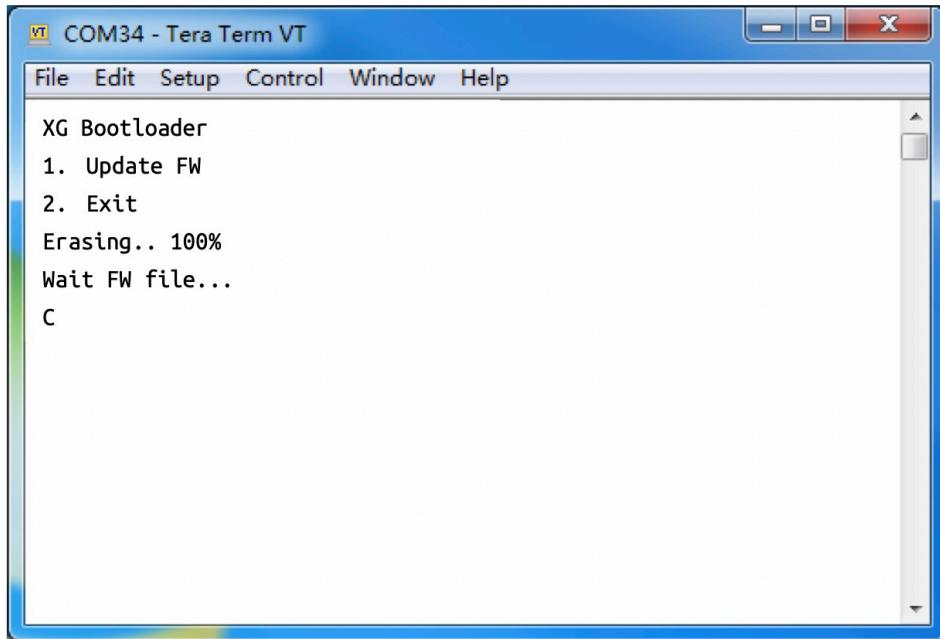
The main workspace:
G-90



d) Press G90's power on button:



Press SPACE bar IMMEDIATELY on the computer to interrupt the booting procedure. There is a countdown timer at the end of string, press SPACE bar before time out. IT IS NOT 10 Secs. More like 5.
e) The updating menu:



XG Bootloader

1. Update FW
2. Exit

Erasing.. 100% Wait FW file... C

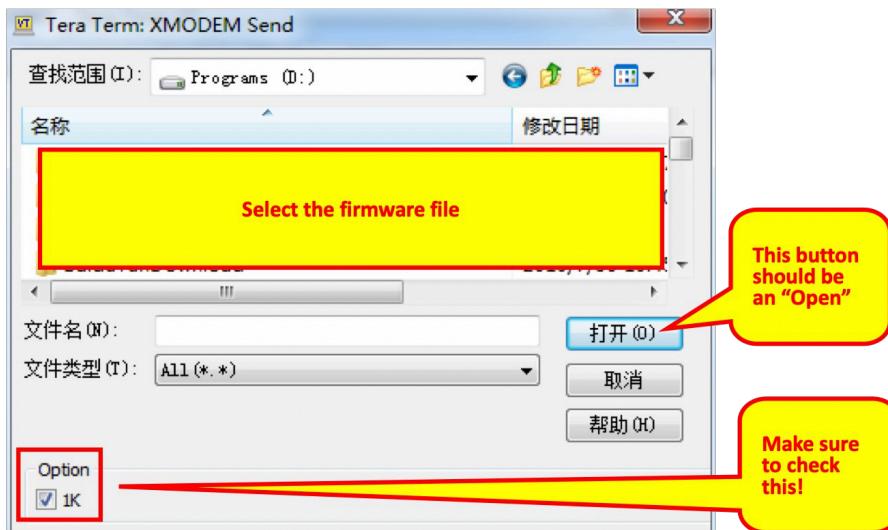
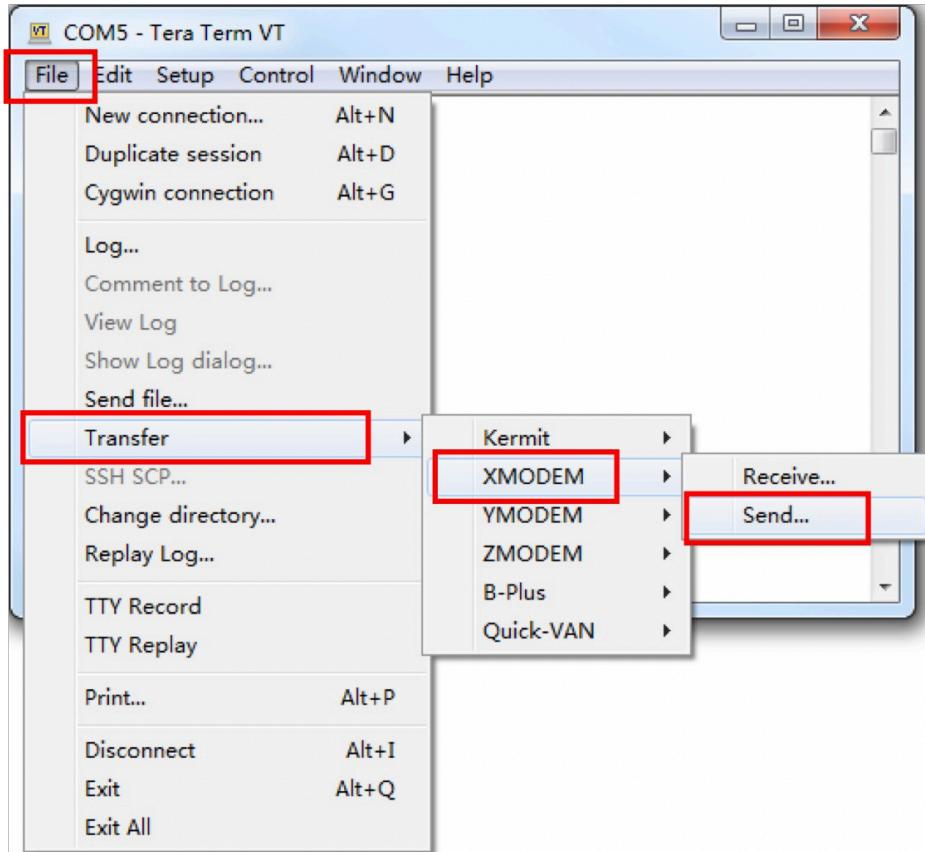
Step1: Press 1 to see the display shown

Step2: Wait until “Erasing.. 100%” is displayed and then “Waiting for FW file...”

f) Select the firmware file:

Click File#Transfer#XMODEM#Send...

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Click the 1K Option – failure to do so will give a Communication error on G-90 display after Up Date

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Xiegu G-90

Browse and select the firmware file, and click the “Open” button. g)
Transfer start

h) Wait transfer finish and reset the G90

If this was the Body Update then Proceed to Update the Head Unit.

--End-of-instruction--