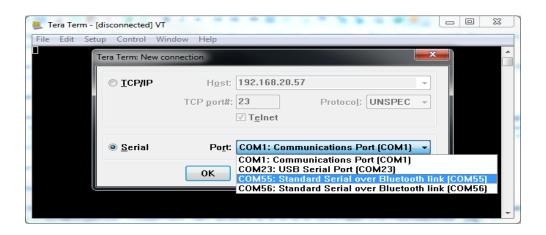
TERA TERM (WINDOWS)

Tera Term is one of the more popular Windows terminal programs. It's been around for years, its open source, and it's simple to use. For Windows users, it's one of the best options out there.

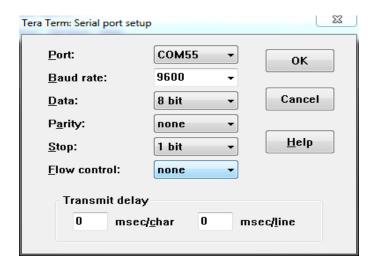
You can download a copy from here. Once you have Tera Term installed, open up it up, and let's poke around.

Making a Connection

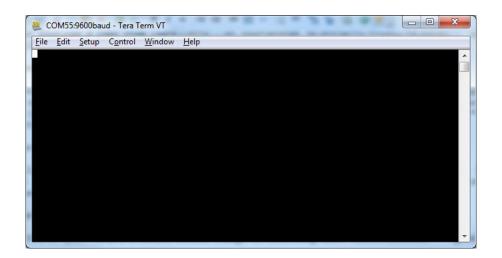
You should initially be presented with a "TeraTerm: New connection" pop-up within the program. Here, you can select which serial port you'd like to open up. Select the "Serial" radio button. Then select your port from the drop-down menu. (If this window doesn't open when you start TeraTerm, you can get here by going to **File > New connection...".)



That'll open up the port. TeraTerm defaults to setting the baud rate at 9600 bps (8-N-1). If you need to adjust the serial settings, go up to **Setup > Serial Port**. You'll see a window pop up with a lot of familiar looking serial port settings. Adjust what you need to and hit "OK".



The title of your TeraTerm window should change to something like "COM##:9600baud" – good sign.

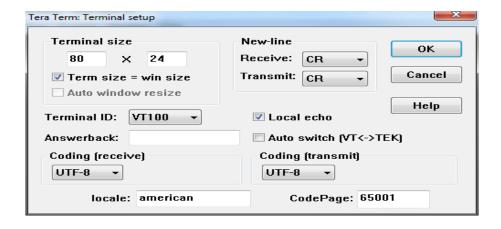


That's about all there is to it. The blank window with the blinking cursor is where data is both sent (by typing it in) and received.

TeraTerm Tips and Tricks

Local Echo

It can be weird to type stuff in the window and not see it show up in the terminal. It's undoubtedly still flowing through the serial terminal to your device, but it can be difficult to type when you don't have any visual feedback for exactly what you're typing. You can turn on local echo by going to the **Setup** menu and selecting **Terminal**.



Check the Local echo box if you'd like to turn the feature on.

There are other settings to be made in this window as well. You can adjust the size of the terminal (the values are in terms of characters per row/column), or adjust how new-lines are displayed (either a carriage return, line feed, or both).

Clear Buffer and Clear Screen

If you want to clear your terminal screen you can use either the "Clear buffer" or

"Clear screen" commands. Both are located under the **Edit** menu.

Clear screen will do just that, blank out the terminal screen, but any data received

will still be preserved in the buffer. Scroll up in the window to have another look at

it. Clear buffer deletes the entire buffer of received data – no more data to scroll up

to.

Shortcut Keys

Menus are a pain! If you want to get really fast with TeraTerm, remember some of

these shortcuts:

• ALT+N: Connects to a new serial port.

• ALT+I: Disconnects from the current port.

• ALT+V: Pastes text from clipboard to the serial port (not CTRL+V).

• ALT+C: Copy selected text into clipboard (not CTRL+C).

• CTRL+TAB: Switch between two TeraTerm windows.

Source: https://learn.sparkfun.com/tutorials/terminal-basics/tera-term-windows