



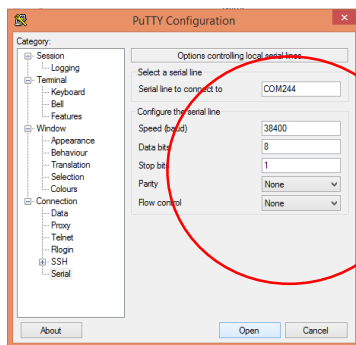
Quick Starter:

Download the Virtual COM Port Driver (VCP) for your USB stick from <http://www.aisspotter.com/DOWNLOAD/> or from <http://www.ftdichip.com/Drivers/VCP.htm> .

Connect your USB device to your computer.

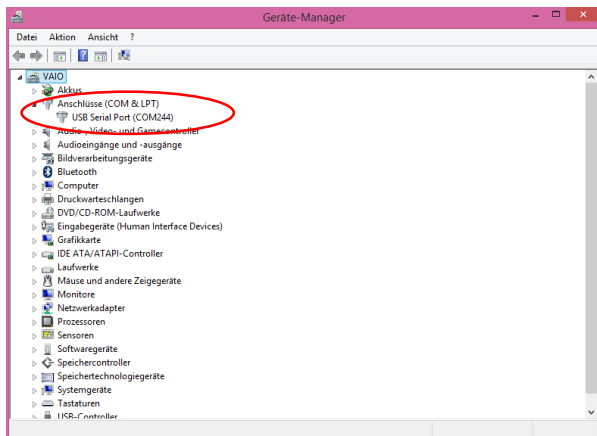
If no driver is installed, follow the instruction on your PC and take the folder were you downloaded the driver.

Start a Terminal like Putty, Tera Term or any other terminal to check the connection.



Configure your terminal to serial COM Port (38400bps,8N,1)
Speed (Baud): 38400bps
Data bits: 8
Flow control: None
Stop Bits: 1

If you don't know the COM interface number, please have a look into the „hardware manager“ of your PC or laptop.



Fast virtual COM Interface test:

If no targets will be received, press the hash key „#“.

You should receive the Version info starting with !AIVER,...

Or in case of PIA version you will see also the GNSS Sentence \$GNRMC,... updated each second.

If you receive some targets it could look like in the screen below:

The terminal window shows some AIS and GPS messages:

VDM are for received targets including channel designator A or B
RMC is for GNSS (GPS/GLONASS) own position messages

This messages can be processed by any AIS compatible chart software.

Received messages:

Message Number	Name
1	Position Report
2	Position Report
3	Position Report
4	Base Station Report
5	Static and voyage related data
8	Binary broadcast message
9	Standard SAR aircraft position report
14	Safety related broadcast message
18	Standard ClassB equipment position report
19	Extended ClassB equipment position report
21	Aids-to-navigation reports
24	Static data report ClassB ; Part A+B
27	Position reports for long-range applications

Frequency:
AIS1 161.975MHz
AIS2 162,025MHz (single Receiver)

Outputformat AIS: VDM

VHF antenna connector MMCX

Interface:
Virtual serial COM 38400bps
8,N,1 FTDI Driver