

Note:

This CD contains the basic information for operating 3D Disto.

This version is for operation system Windows XP. If your computer is running on operation system Windows 7, chose the 'Read_Me_1.300_Win7' instead.

Please note that Windows XP Service Pack 3 is required.

The following content is only required to install the 3D Disto user interface on a PC with Windows operating systems.

It does not affect the functionality of the 3D Disto sensor or the Control Unit.

step 1)

First, install the 3D Disto software for Windows by executing

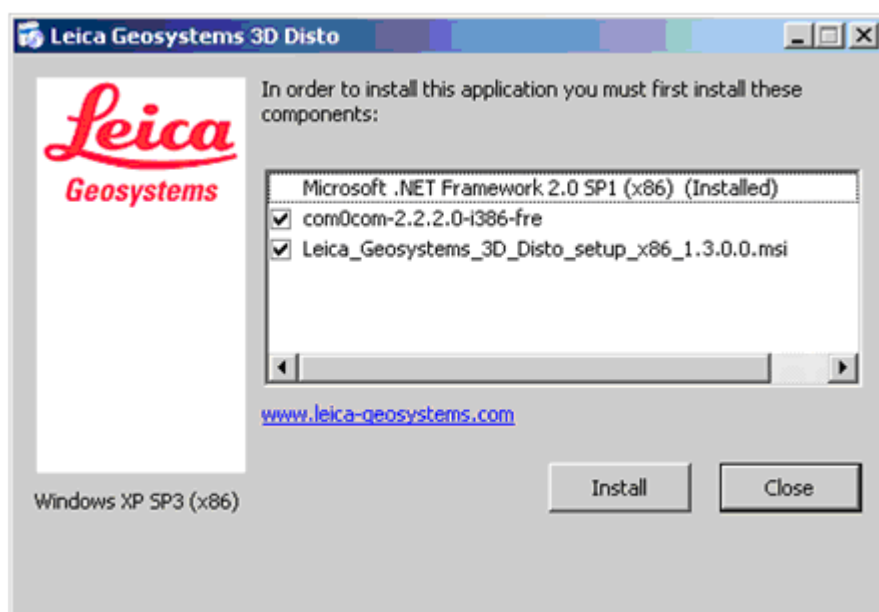
Leica_Geosystems_3D_Disto_1.3.0.0_setup.exe

out of the folder

01_3DDistoForWindows

and follow the instructions in the setup routine.

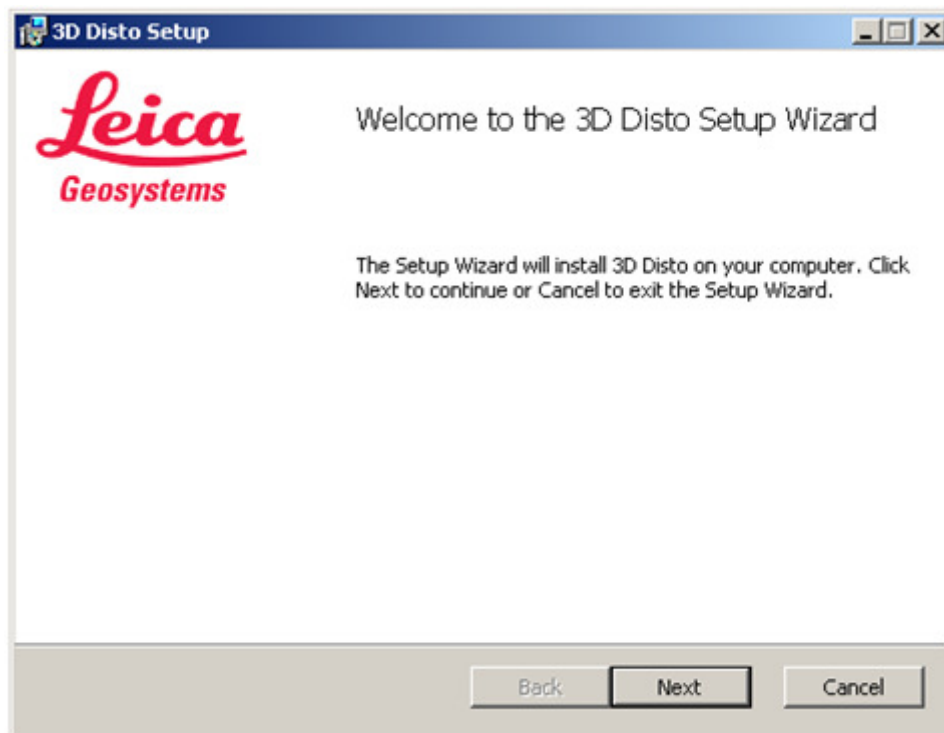
Default setup:



Note:

installing com0com is required for steering 3D Disto with the GSI command interface, or having 3rd party software communicating with 3D Disto using the GSI interface protocol.

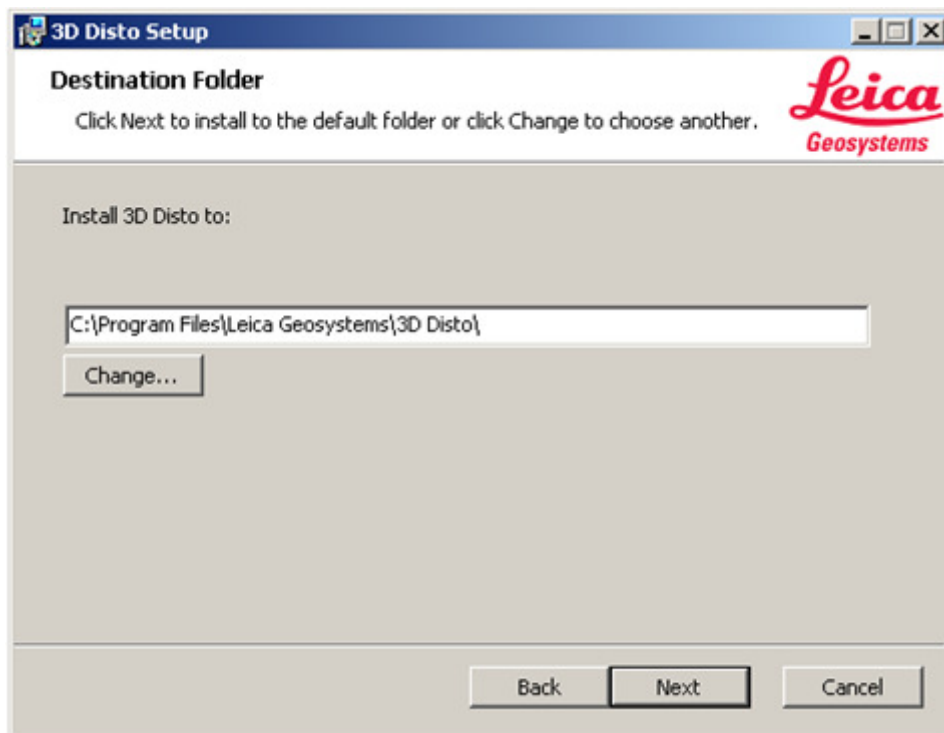
Press 'Install'.



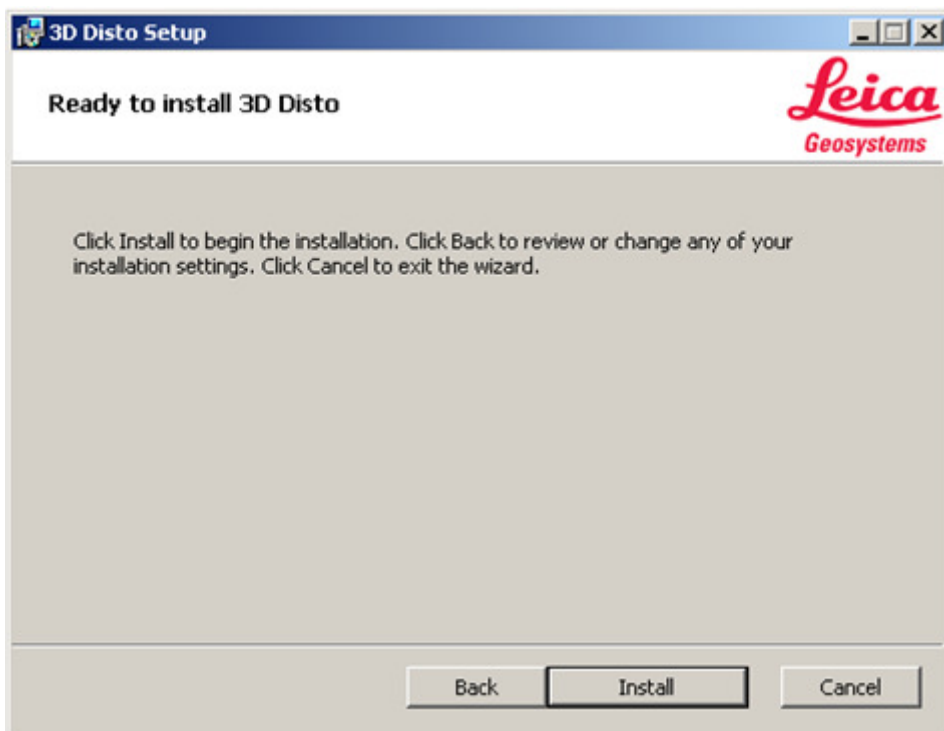
Press 'Next'



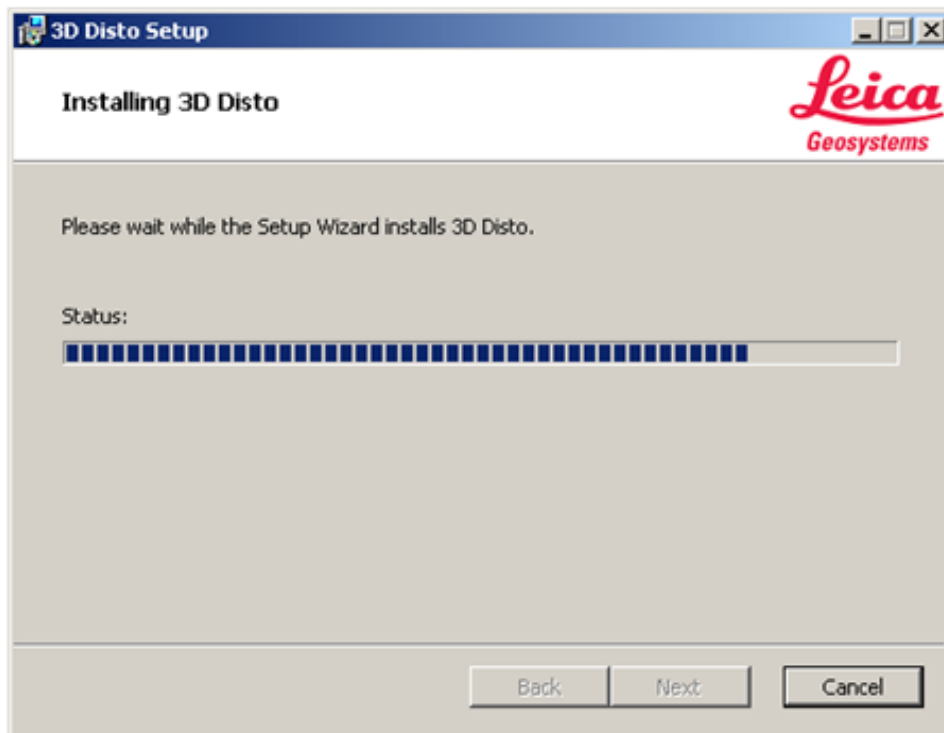
Read the license agreement carefully.
Accept the license agreement and press 'Next'.



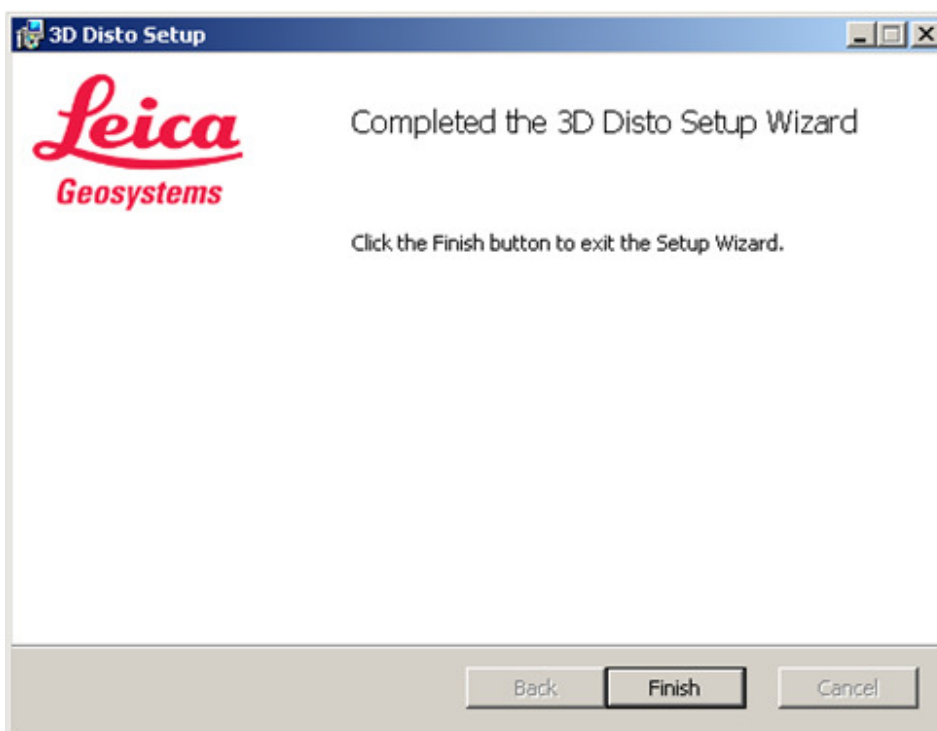
Select the installation folder and press 'Next'.



Press 'Install'.



Wait until installation has finished.

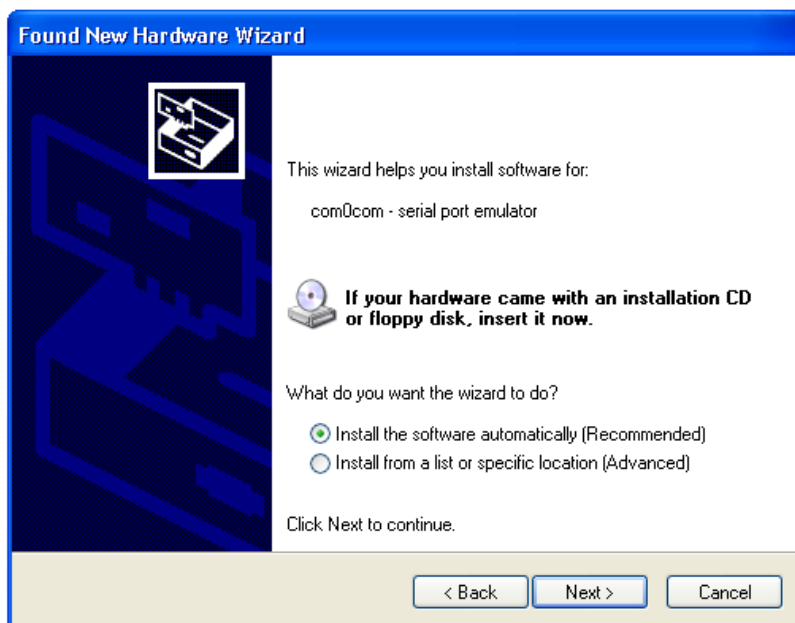


Press 'Finish'

If you have chosen to install com0com (required if GSI commands are going to be used), the setup will now try installing ports. Thus a Windows hardware setup message pops up:



Choose 'No, not this time' and press 'Next >'

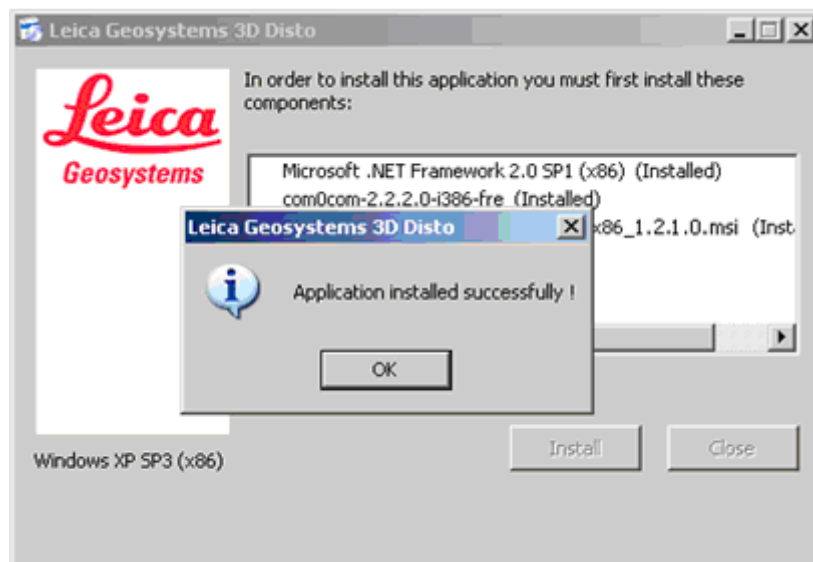


Choose 'Install the software automatically (Recommended)' and press 'Next>'
Wait a few seconds until installation ends, then end the setup with 'Finish'

You might repeat the last step because the system installs two ports. Default port pair is COM69 and COM70.

3D Disto talks via COM69, external software should connect to COM70.

Once done, the system answers with



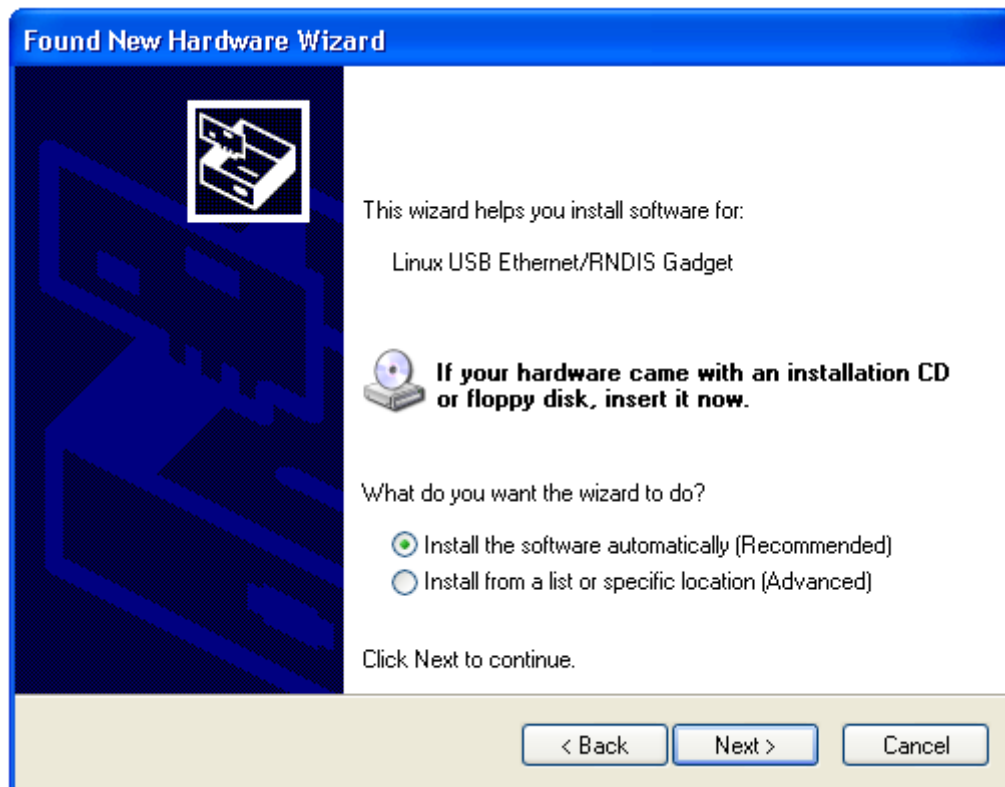
Press 'OK'

step 2)

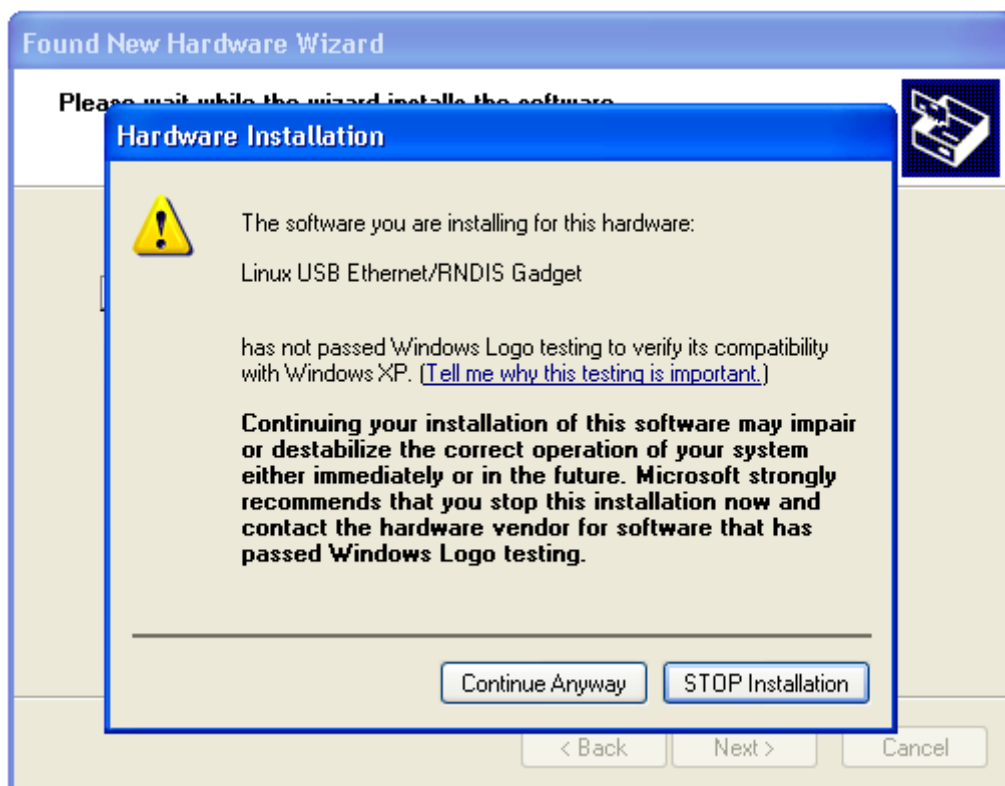
Connect the sensor to the PC with the USB cable. Turn on the sensor. Wait until sensor stops moving. In the meantime, Windows XP now asks for installation of new hardware. Windows should automatically find the Linux Ethernet driver:



Choose „No, not this time“ and continue with 'Next >'



Choose „Install the software automatically“ and continue with ‘Next >’



Choose „continue anyway“
Afterwards, it is finished.

step 3)

Wait until Linux Ethernet driver setup has ended.

Now run the 3D Disto software by double clicking the 3D Disto desktop icon.



3D Disto

Connect via cable (left button).



Establish USB connection should now work.

Note:

WLAN connection is not possible without changing system settings on the target computer manually.

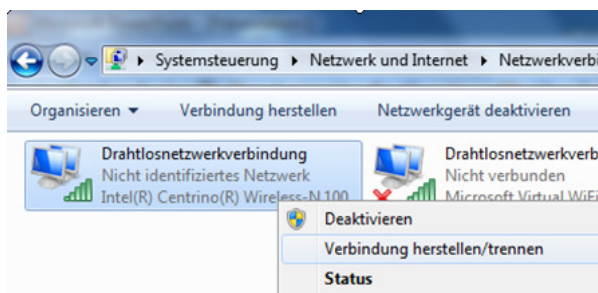
The wireless zero configuration is required to run, eventually you have to activate it, see at

<http://tech.ifelix.net/2007.html>

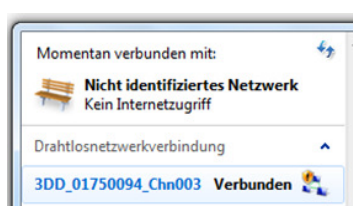
You need to set your WLAN channel to TCP/IP address 192.168.87.82 (Subnet 255.255.255.0, Default Gateway 192.168.87.81)

An example follows. Note that the look of the individual screens might differ depending on your personal Windows settings.

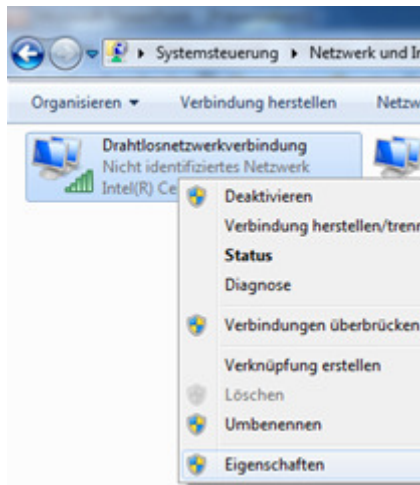
Right click on the Windows control panel – Network Connections – Wireless Network



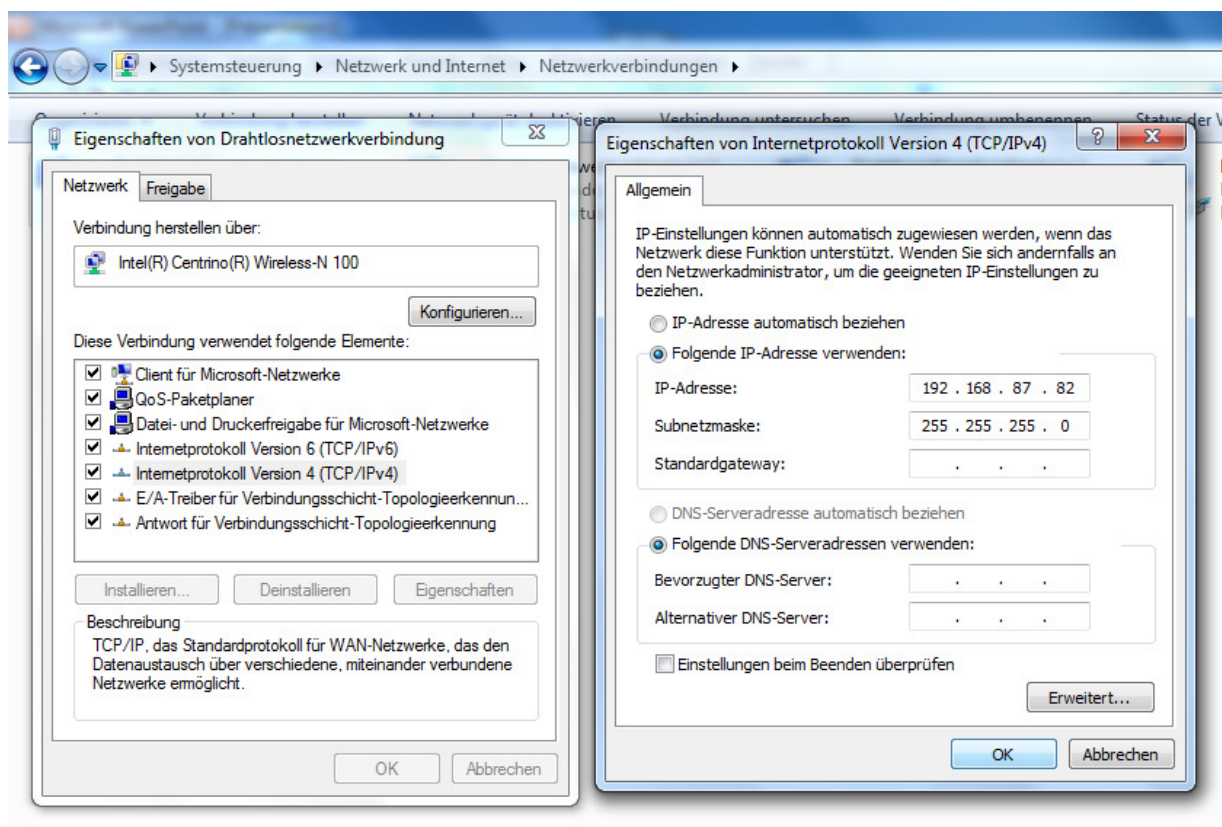
Look into the list with available networks and choose the one that starts with 3DD (followed by serial number and current channel):



Right click again on the Windows control panel – Network Connections – Wireless Network, now chose 'Properties'



Here you can change the IP address by changing properties of the Internet Protocol 4: instead of 'Obtain IP Address automatically', click on 'Use the following IP address'



Afterwards, try to connect 3D Disto choosing in the 3D Disto software the menu Device → Connect 3D Disto → WLAN

step 4)

Enter the license codes. There are 4 active protections:

One protection for the Windows version of 3D Disto software. Without this license, the DIST key is blocked and no measurements can be executed.

3 more licenses are available for the features "Projector", "Roomscan", "Toolkit & Location" within the 3D Disto software.

If the 3D Disto is registered in myWorld, you can load the licenses in a .key file. Save this file in the license folder under 3D Disto Data directory (desk-top icon available).

Continue with step 5 only if you want to use the GSI interface in addition

step 5)

It is possible to steer the system via external commands given in
3D_Disto_Online_v1.300.doc

If ,a' was send successfully via any sort of terminal program, the header line of the 3D Disto changes
from 'Measure' to 'GSI'. It might be necessary closing open measurements on 3D Disto before.

