Lookup IP-Adress: cmd > ipconfig

Show TCP/UDP traffic: TCPview (Also see Control Panel > Netword and Sharing )

**Setting up a connection via Ethernet cable:**

* Connect Ethernet cable
* Set static IP (both computers)  
  **Windows:**Control Panel > Network an Sharing Center > LAN-Verbindung > Properties > IPv4  
    
    
  **Linux Ubuntu:**Klick on Connections (top right) > Edit Connections > Wired Connection > IPv4 Settings > Add  
  
* Add exception in Firewall [**Important! Windows Firewall may block UDP Datagrams!** ]  
  Control Panel > Windows Firewall > Advanced Settings > Inbound Rules > New Rule   
  > Custom > Next > Next > Next > (see image) > Next > Allow Connection  
  
* Test connection by sending UDP packages  
  **Windows:**udp\_client.c / udp\_server.c  
   **Linux Ubuntu:**recv\_proto\_udp.c / send\_proto\_udp.c

Make sure no VPN-Connection is set up (eg. Cisco AnyConnect)



**Compile Protobuf**

* [Error] expected '=', ',', ';', 'asm' or '\_\_attribute\_\_' before 'typedef'  
  make PROTOBUF\_C\_BEGIN\_DECLS to PROTOBUF\_C\_\_BEGIN\_DECLS in \*.pb-c.h
* warning: implicit declaration of function 'PROTOBUF\_C\_ASSERT'