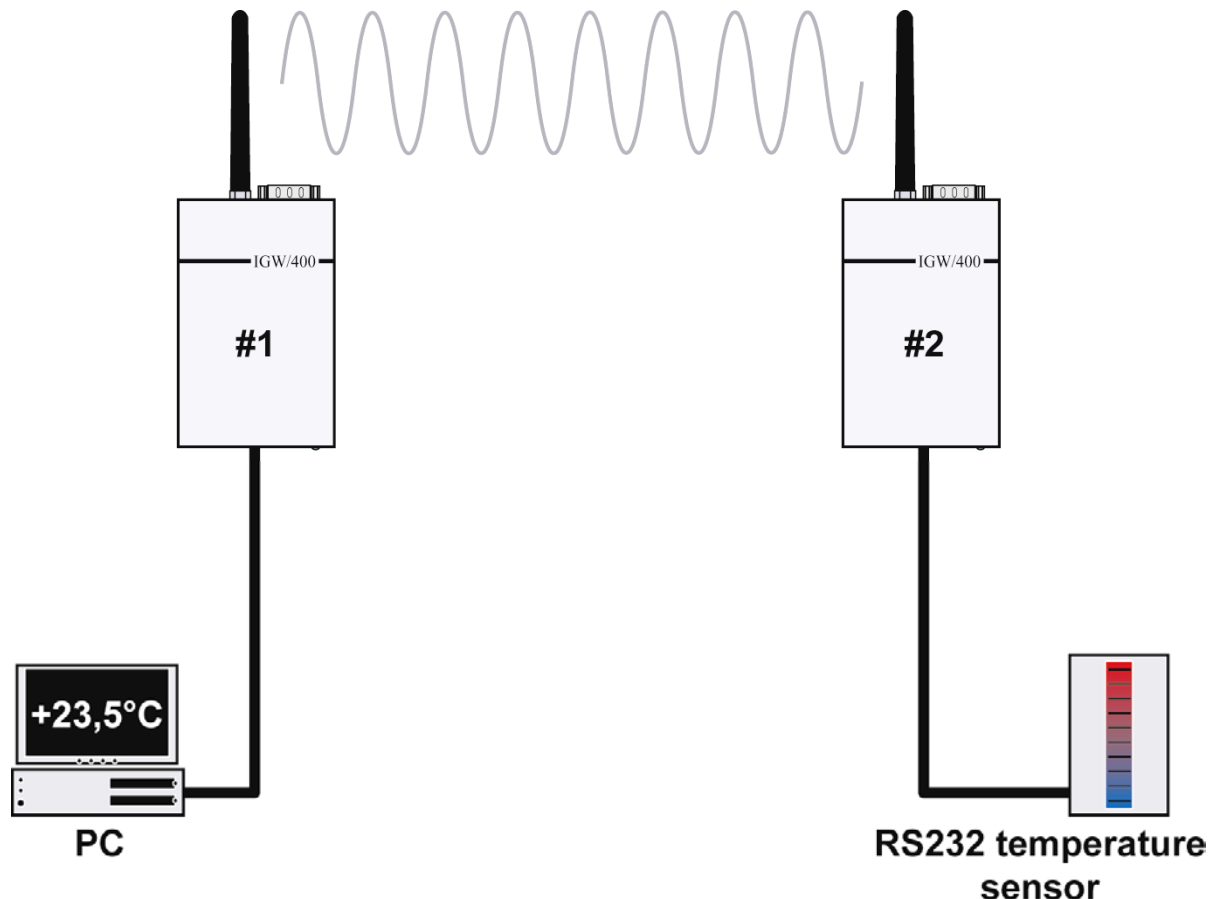


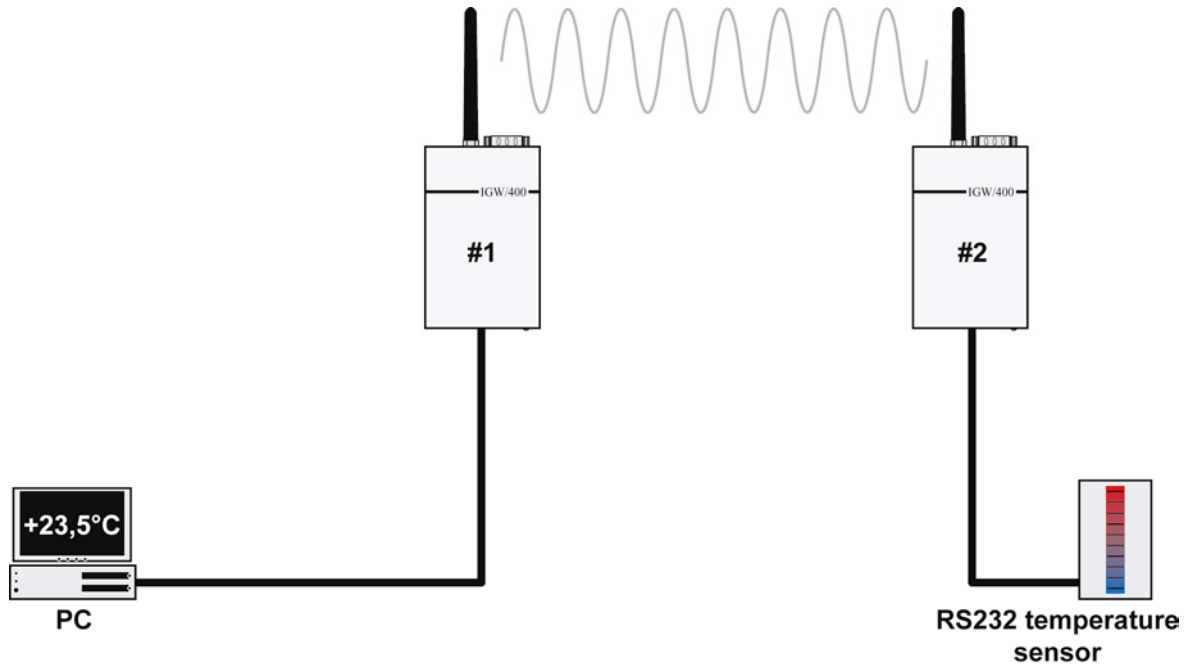
How to Create an IGW/400 to IGW/400 Connection

This description shows how to establish a small wireless Ad-hoc peer-to-peer relationship between two IGW/400 devices. This means that both devices communicate with each other directly without the use of an Access Point. In the following example two IGW/400s establish such an Ad-hoc peer-to-peer relationship to transmit temperature sensor data.



- **1. Step:** To setup a serial link between your PC and IGW/400 #1 you need a null modem cable. Connect the IGW/400 #1 serial port directly to your PC's COM port.
- **2. Step:** Open HyperTerminal to establish a serial link like it is described in the IGW/400 User Manual. This connection is needed to show the incoming data from the IGW/400 #2 on your PC.
- **3. Step:** The further settings for the peer-to-peer configuration are as follows. Note the reference to the IGW/400s IP addresses and port numbers. Please ensure that the further port parameters such as speed, number of bits, flow control etc. are set correctly. All necessary settings to establish a peer-to-peer connection between IGW/400 #1 and IGW/400 #2 have to be done on the IGW/400 #1.

Sample Configuration:



The following drawing details the setup configuration.

PC

IP address: 192.168.3.99

IGW/400 #1

IP address: 192.168.3.126
 Serial port1: 10001
 Remote port: 10002
 Remote host: 192.168.3.125

Serial port2: 10002
 Remote port: 0
 Remote host: 0.0.0.0

For serial configuration:
 Connect mode: C5 (Autostart)

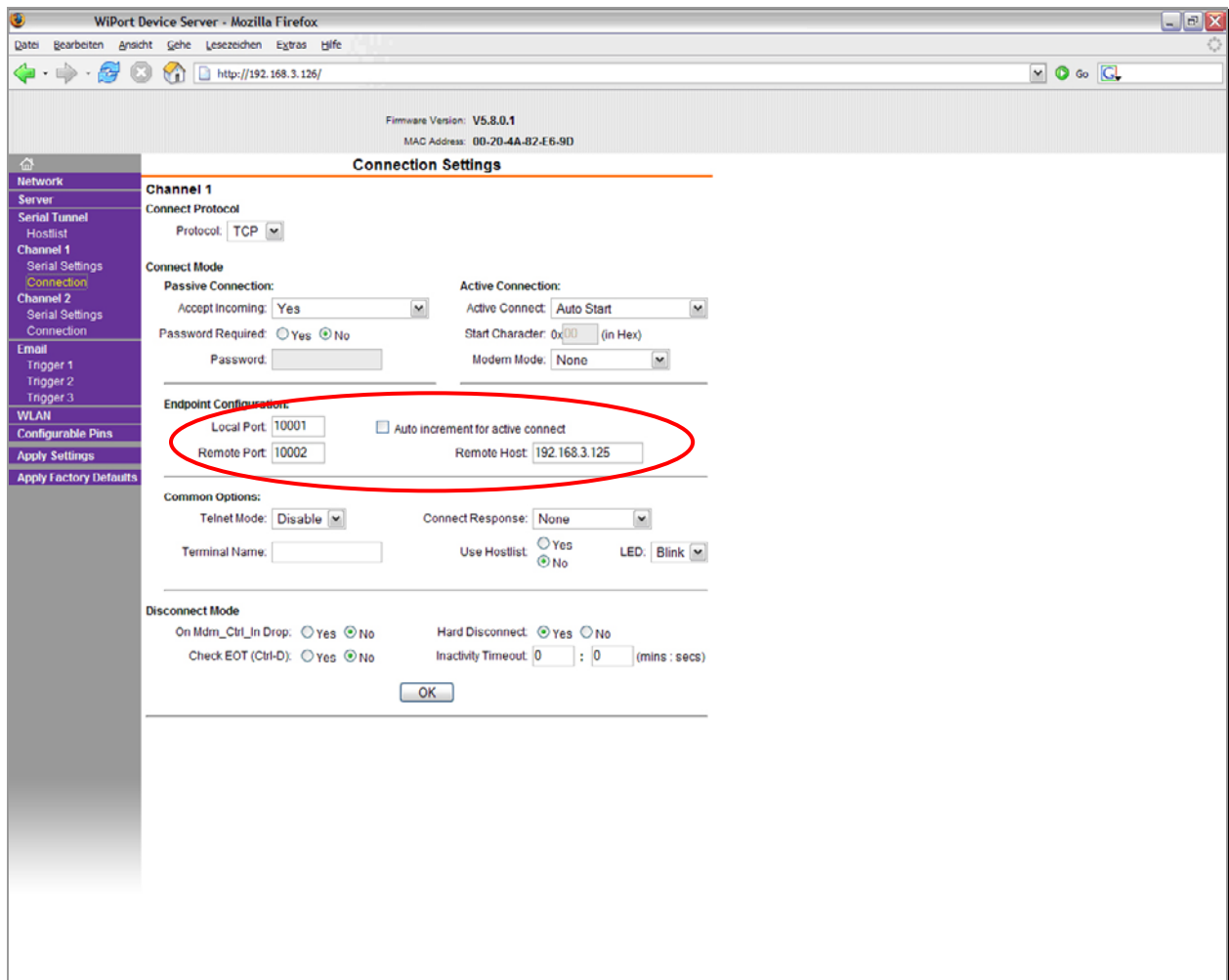
IGW/400 #2

IP address: 192.168.3.125
 Serial port1: 10001
 Remote port: 0
 Remote host: 0.0.0.0

Serial port2: 10002
 Remote port: 0
 Remote host: 0.0.0.0

For serial configuration:
 Connect mode: C5 (Autostart)

The next screenshot shows how to configure the IGW/400 #1 via the web interface with the appropriate settings.



Cycle power on both units and they should be connected.

That is all.