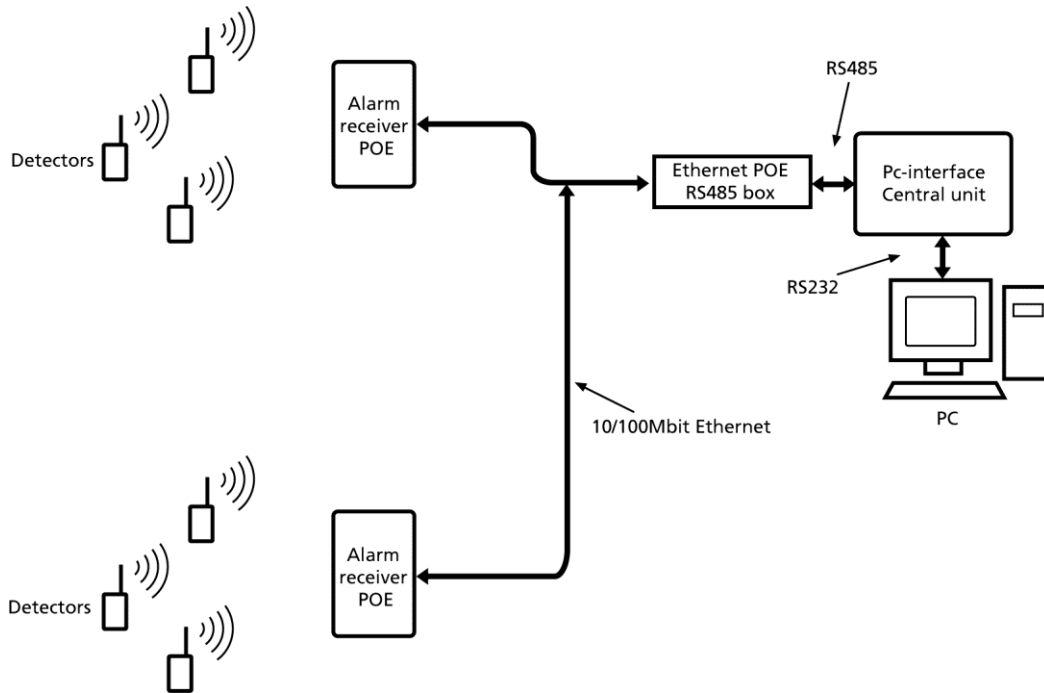


Guide: Piccolo with Ethernet POE receivers:

The Piccolo system can communicate with all its alarm receivers through an Ethernet POE network. The system is set up as shown on the sketch below. None of the alarm receivers need to be supplied from an external supplier since they get voltage from the Ethernet POE.

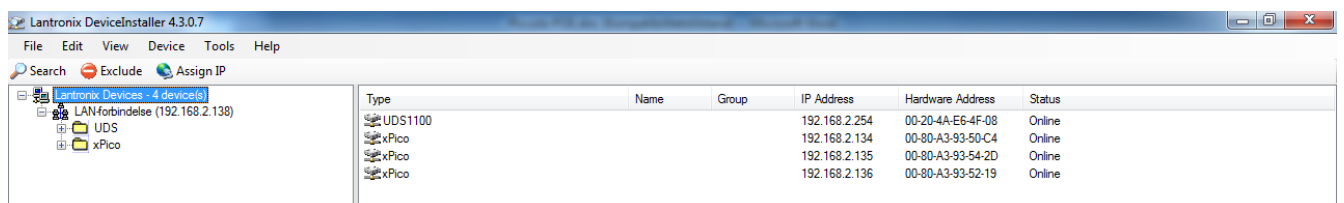


All units on Ethernet need to have their own IP-address. All units are 'born' with individual IP-addresses.

Alarm receivers POE are all pre-programmed to function in a Piccolo IP-network, but below is described the set-up if you wish to change IP-addresses or other settings:

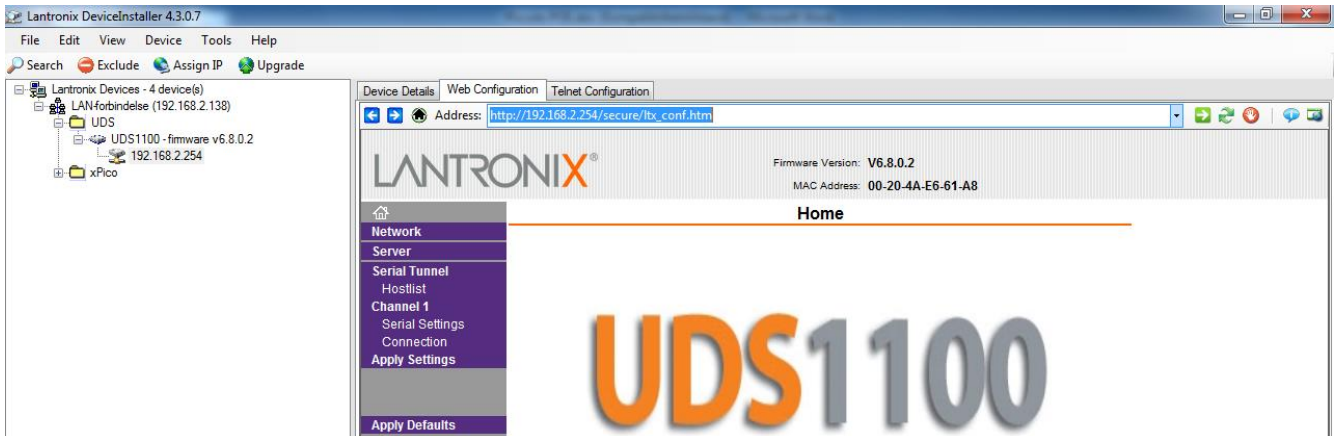
Install the program that is needed for changing the units on the Ethernet. The program is from Lantronix and can be downloaded from their website www.lantronix.com under the name DeviceInstaller.

Place all alarm receivers POE and Ethernet POE box in same network and use always a closed Ethernet for Piccolo. Observe that all units have lit in both diodes. Start DeviceInstaller and you will get following screen image:

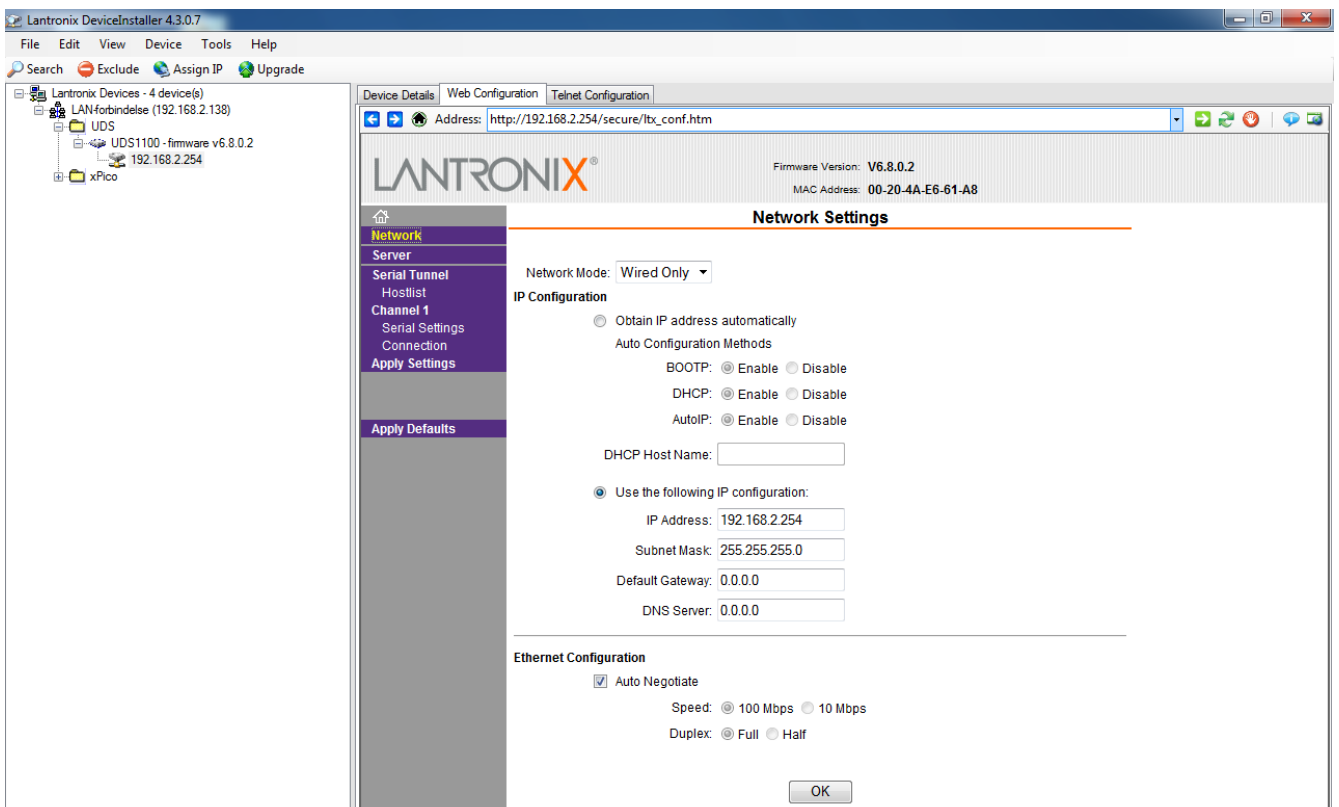


In this example, the program will find the unit which is in connection with the PC interface (UDS1100) and 3 alarm receivers POE.

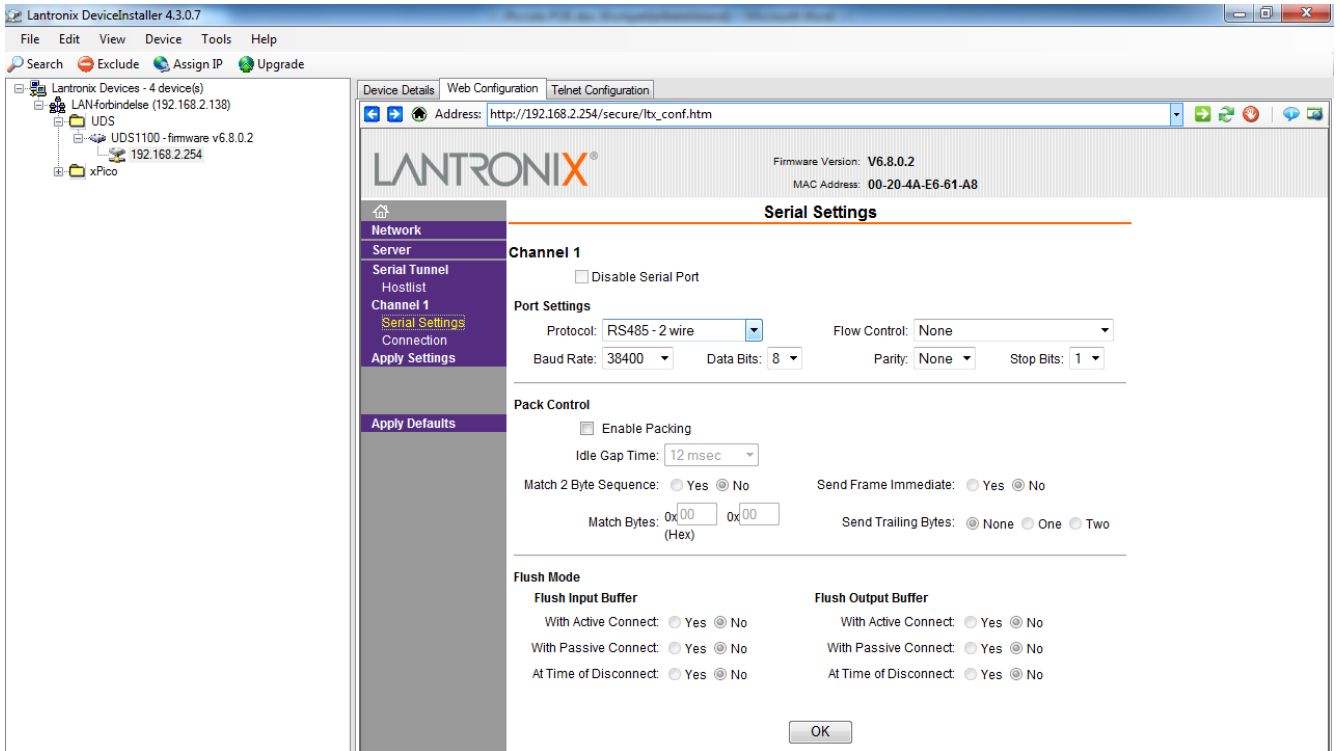
Double-click on UDS1100 and press tap 'web configuration'. Place cursor in the address bar and press 'Enter'. Press 'OK' in the pop-up box (username or password are not needed). Following screen image comes up.



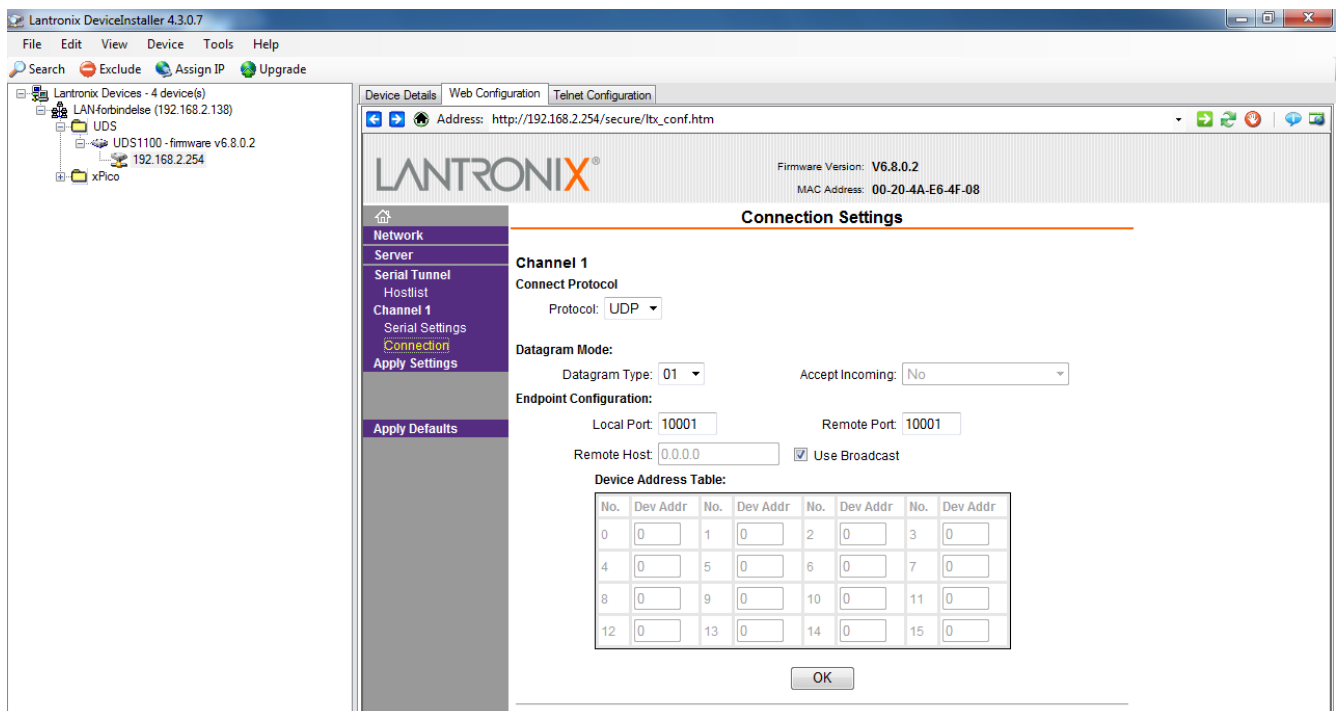
Go to 'NETWORK' and change the IP-address of the unit to e.g. 192.168.2.254 and Subnet Mask to 255.255.255.0. Then press 'OK'.



Go to 'Serial Settings' and set up the unit to: RS485-2wire, Flow control -None, Baud Rate-38400, Data Bits-8, Parity-None and Stop Bits-1. Then press 'OK'.

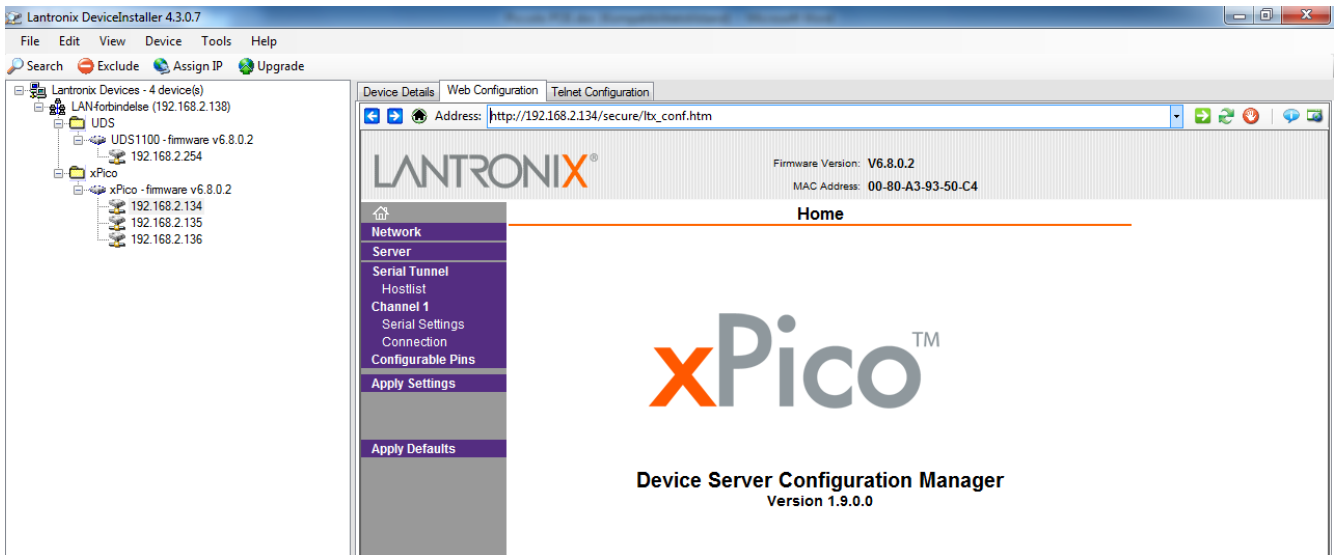


Go to 'Connections' and set up the unit to: Protocol-UDP, Use Broadcast and Remote Port 10001. Then press 'OK'.

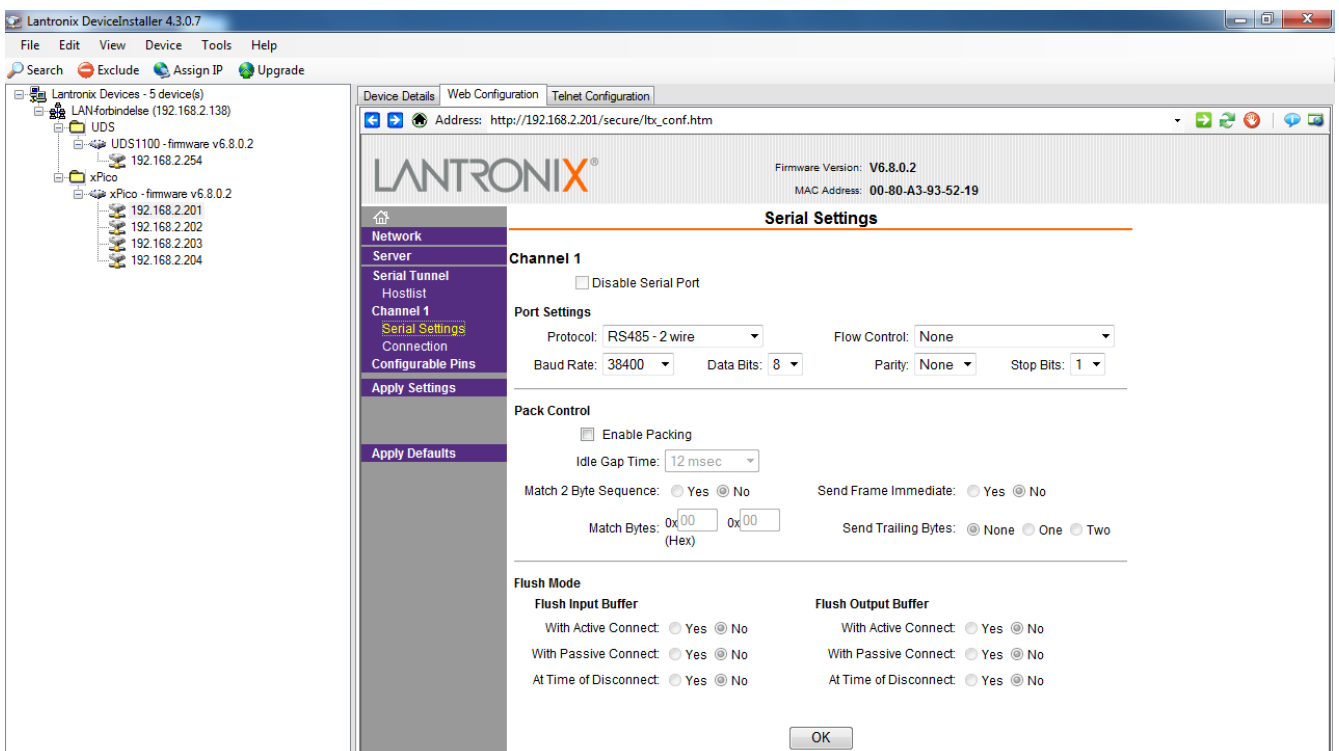


Press 'Apply Settings' and await acknowledgement from the unit. Now the set-up of the unit, which is in connection with the PC interface, is done.

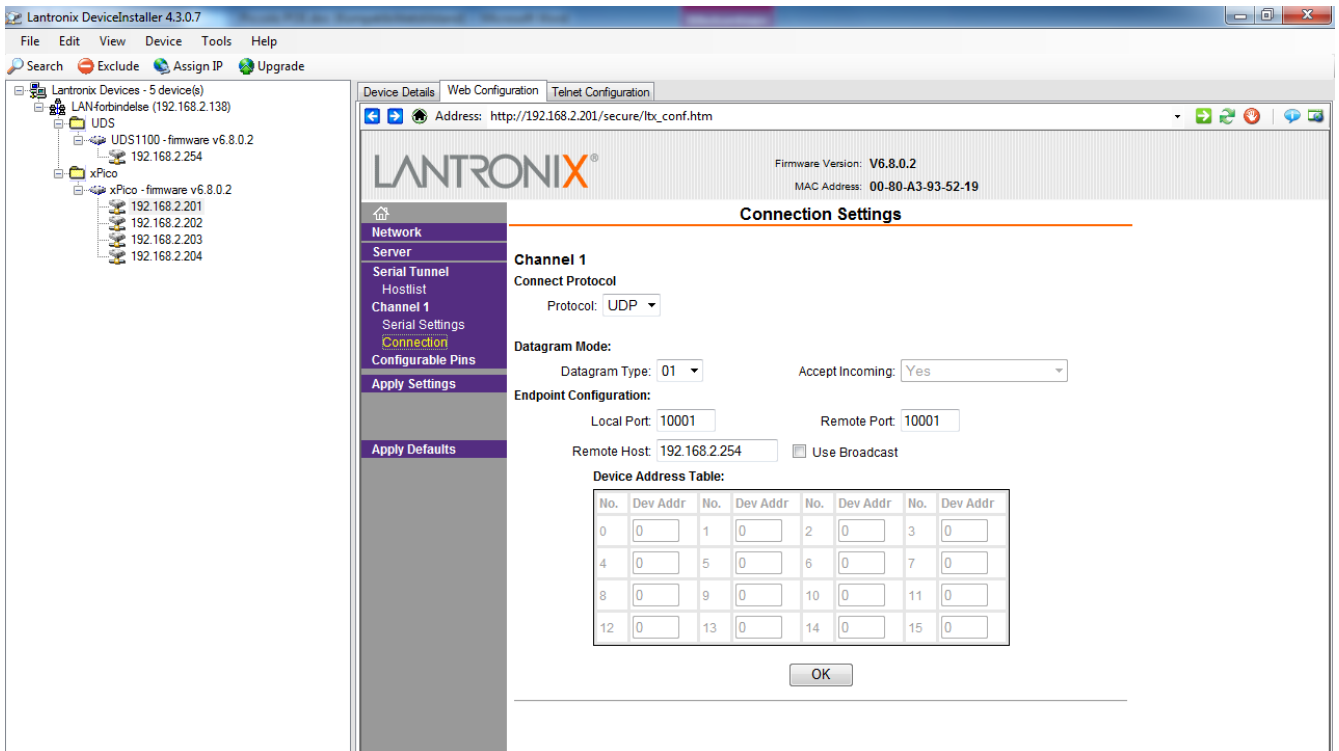
Program the first alarm receiver POE by opening the file explorer left in the image. Double-click on the first unit and press tap 'web configuration'. Place cursor in the address bar and press 'Enter'. Then press on the 'OK' button in pop-up box. Following screen image comes up.



Go to 'Serial Settings' and set-up the unit to: RS485-2wire, Flow control –None, Baud Rate-38400, Data Bits-8, Parity-None and Stop Bits-1. Then press 'OK'.



Go to 'Connections' and set-up the unit to: Protocol-UDP, Datagram Mode 01, Remote Host-192.168.2.254 (that is, the IP-address for the unit in connection with the PC interface) and Remote Port 10001. Then press 'OK'.



Press 'Apply Settings' and await acknowledgement from the unit. Now the setting of the first alarm receiver POE is finished. Program the rest of the alarm receivers in the same way.

If the Ethernet network in use is slow, it can be necessary to change the settings in Piccolo. In the example below, the response times of the network are changed from standard 100mS to 200mS.

Functions --> Set-up --> Network response time = 200 msec.

