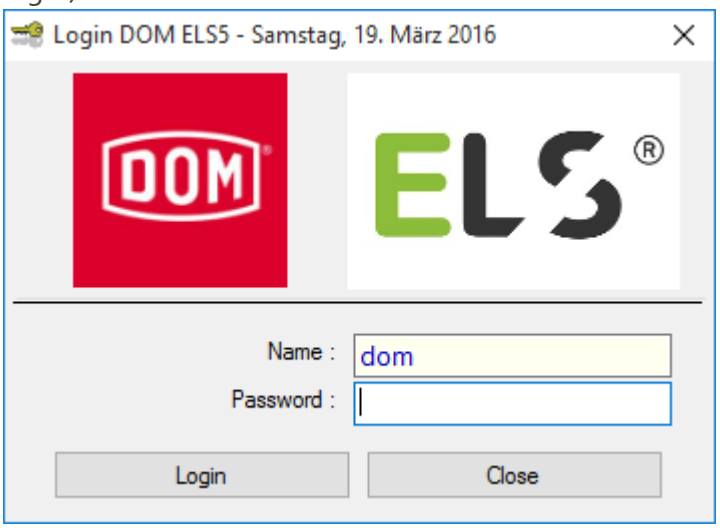
Creating a new ELS Pro in the ELS software online version

A USB radio stick is mandatorily required for the programming. The ELS Pro must be with the firmware version 2.0 or higher.

Start the ELS software.

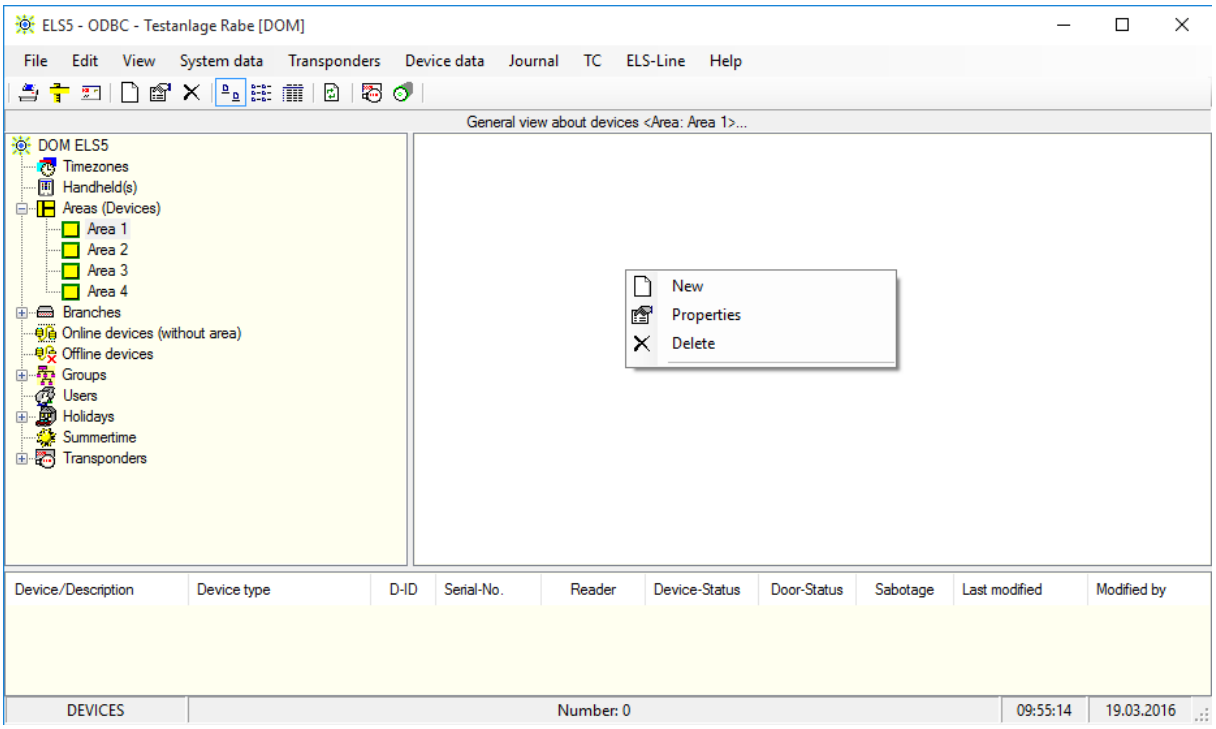


Enter the password "**4711**" and click **[Login]**. (Please change your password after your first login)

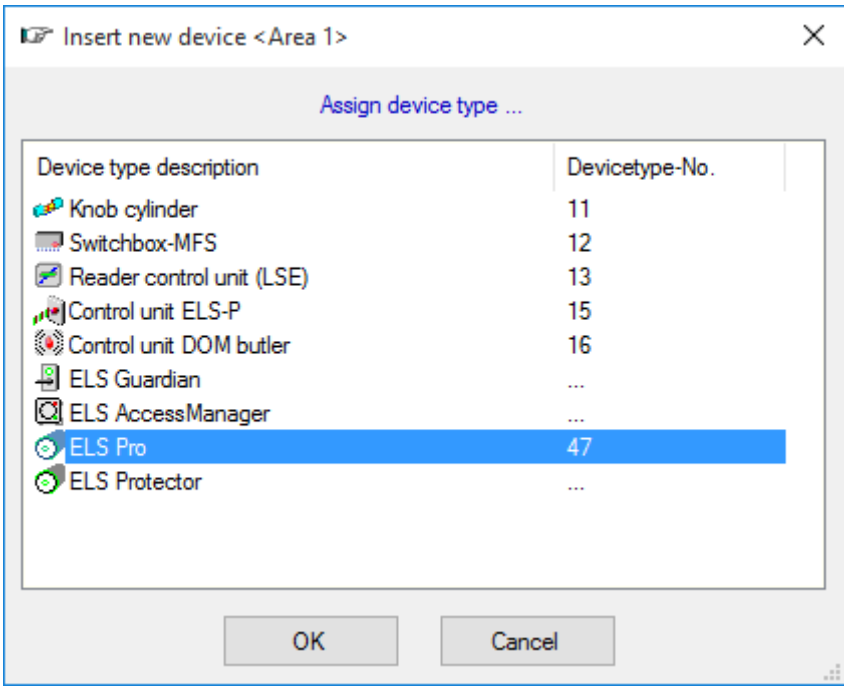


Creating ELS Pro (online version)

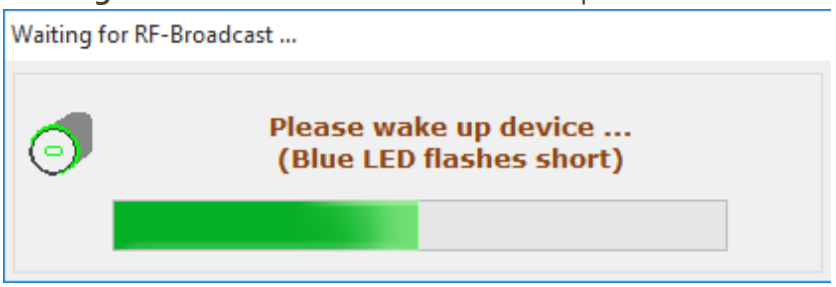
Create a new area or select one of the existing areas.
Click the right-hand mouse button, select New and confirm by clicking the left-hand mouse button.



Select ELS Pro.



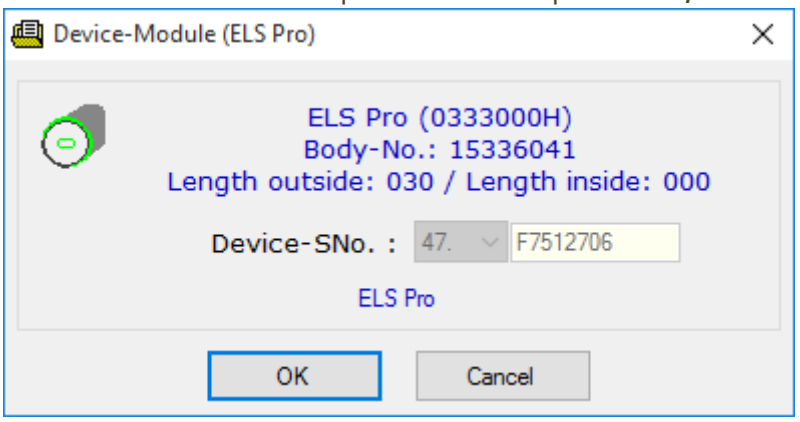
Waiting for wireless broadcast window is opened.



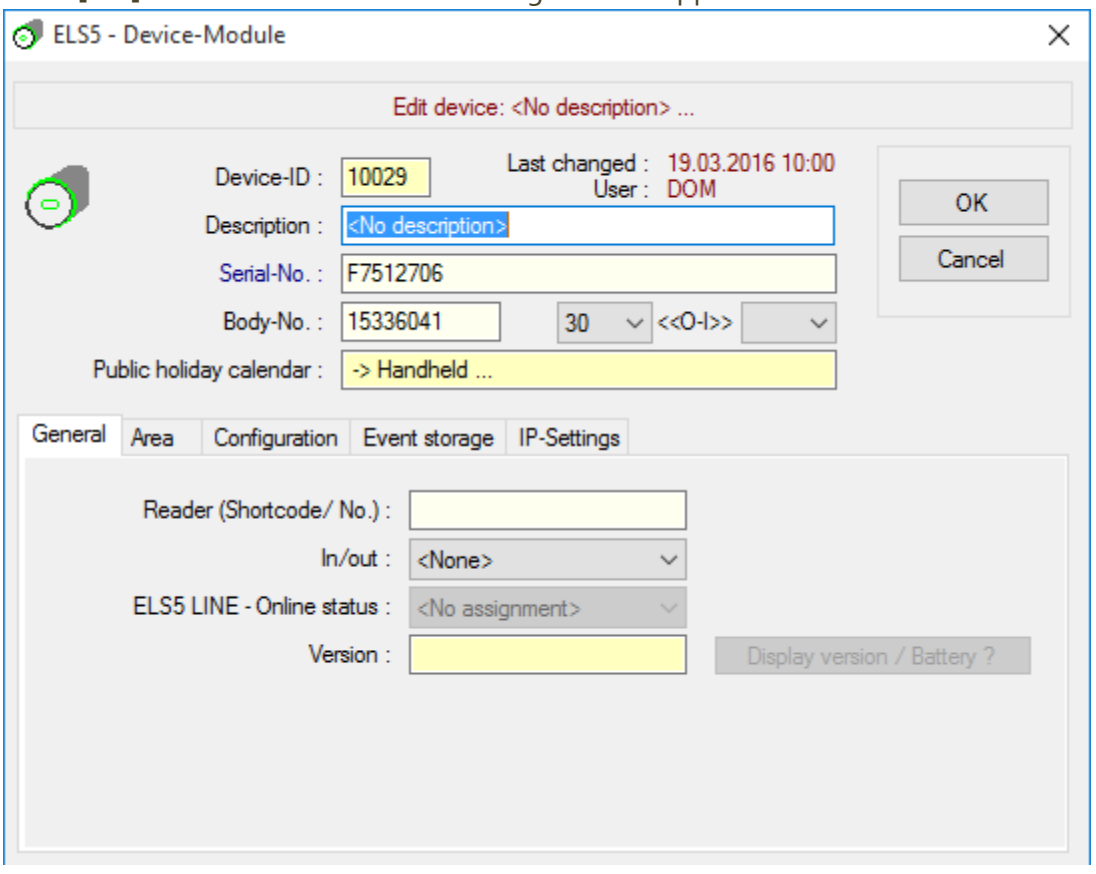
Present the wireless wake-up card within the next 10 sconds, the green bar becomes shorter.

If you cannot keep to the 10 seconds time window, repeat the above process.

Once the wireless wake-up card has been presented, the following window appears.

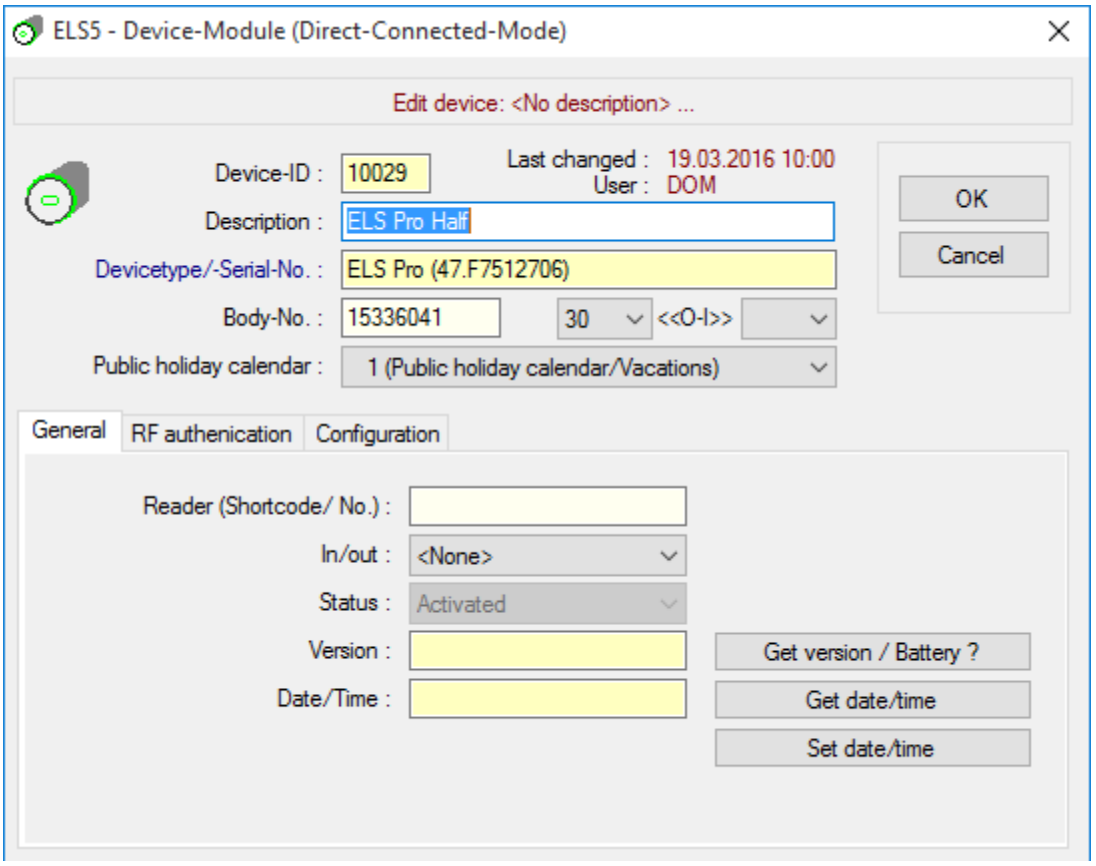


After **[OK]** has been clicked the following window appears.



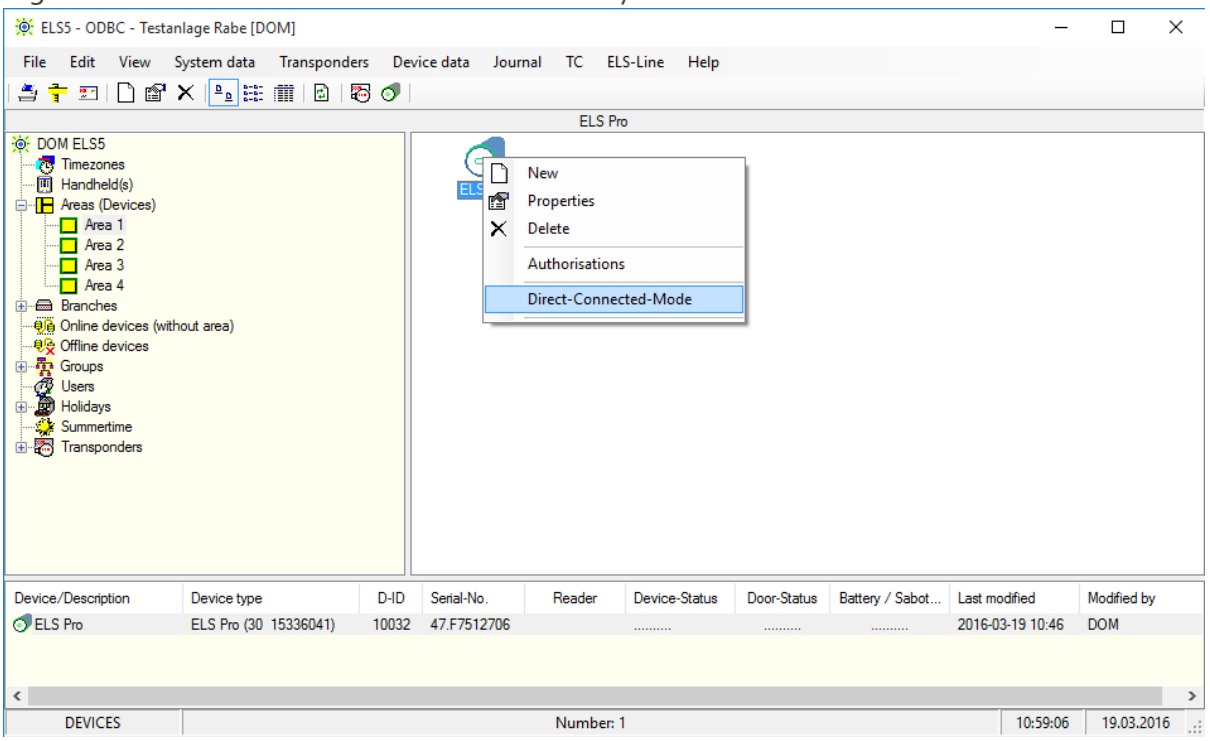
Enter a name for the device here.

For example:

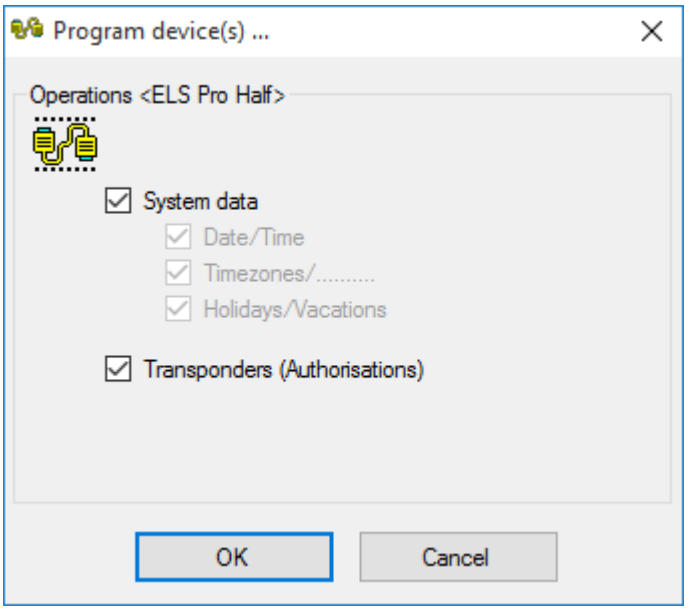


Confirm by pressing **[OK]**.

Right-click on the new device and select directly connected mode.

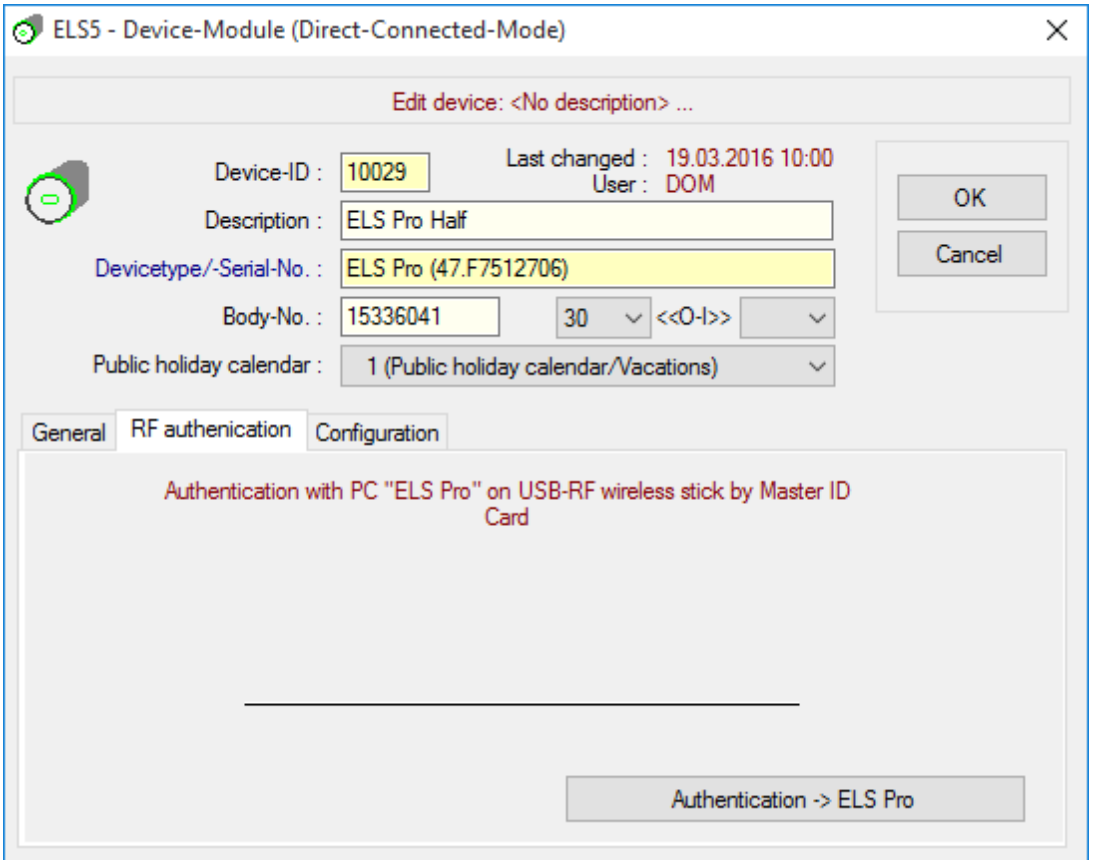


The directly connected mode window is opened.



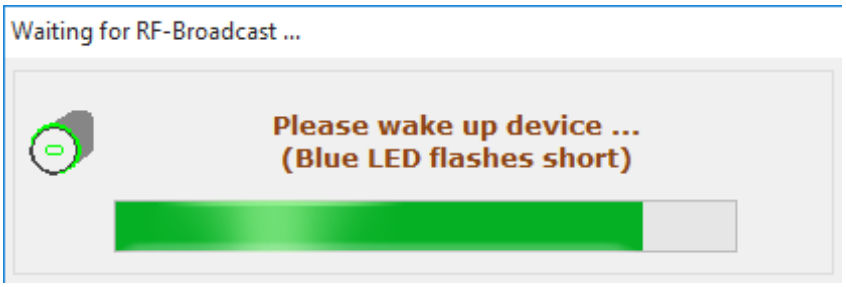
Click this button **[Properties]**. The device window is opened.

Click the tab Wireless authentication.



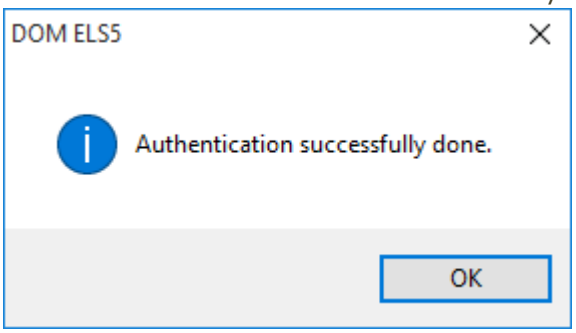
You need the master card to carry out authentication. Click the button **[Authentication -> ELS Pro].**

Waiting for wireless broadcast window is opened.

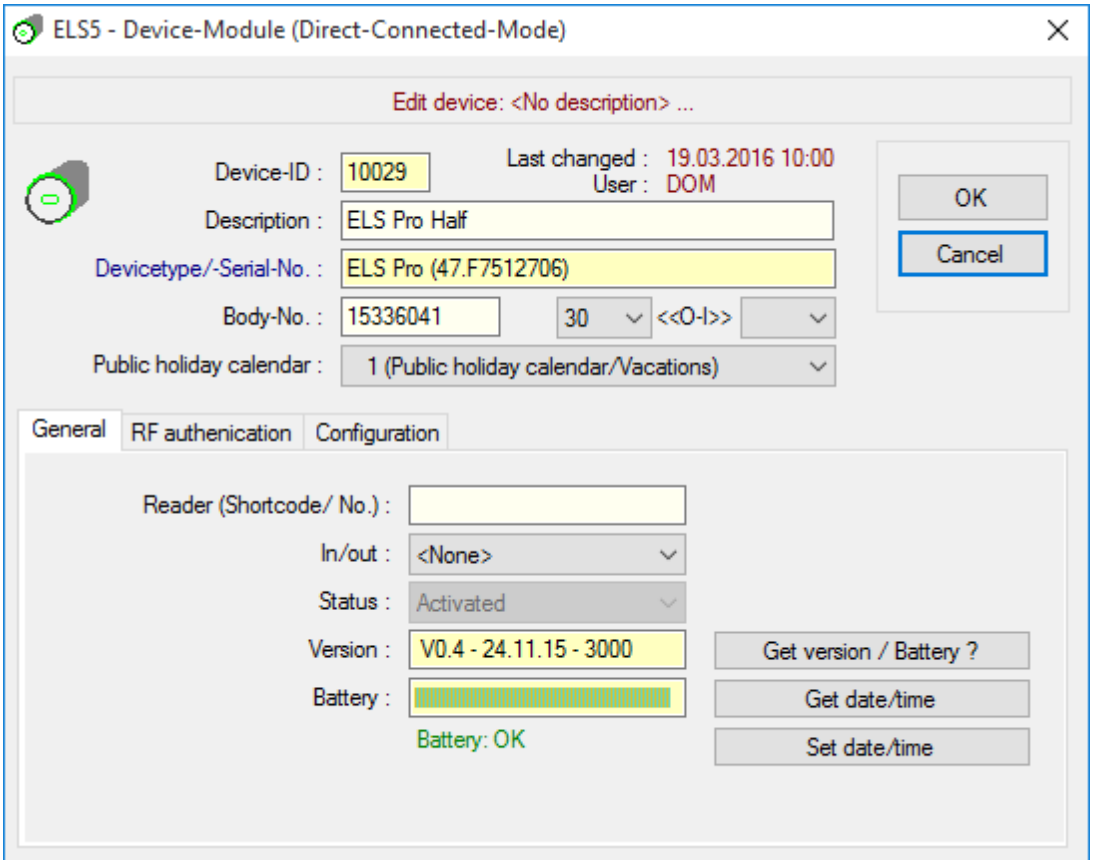


Present the master card first, and wait for the 2nd green flash. Then present the wireless wake-up card.

Once authentication has been successfully completed, the following window appears.

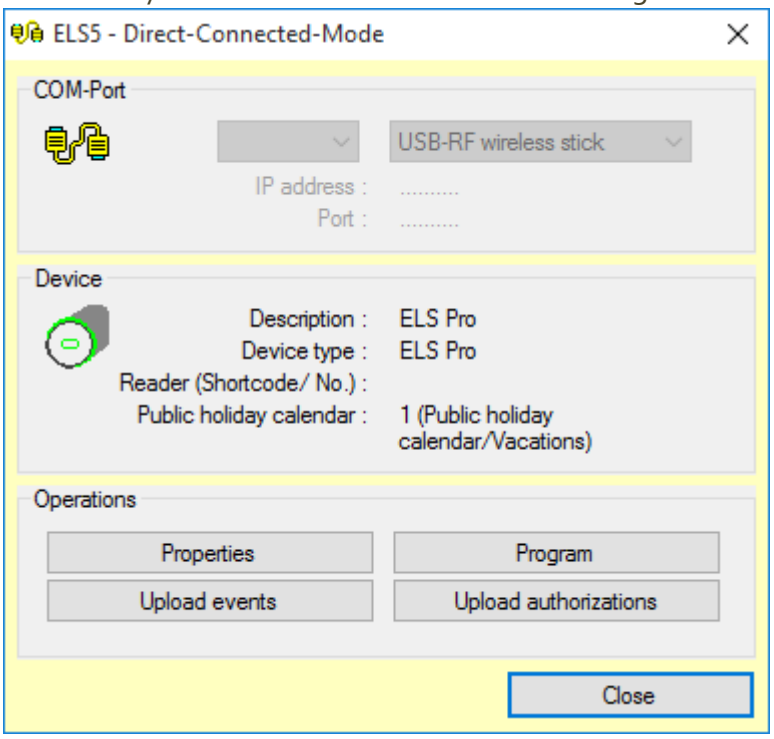


Confirm by pressing **[OK]** and click the tab General. Click the button **[Get version / battery ?].**
Present the wireless wake-up card.



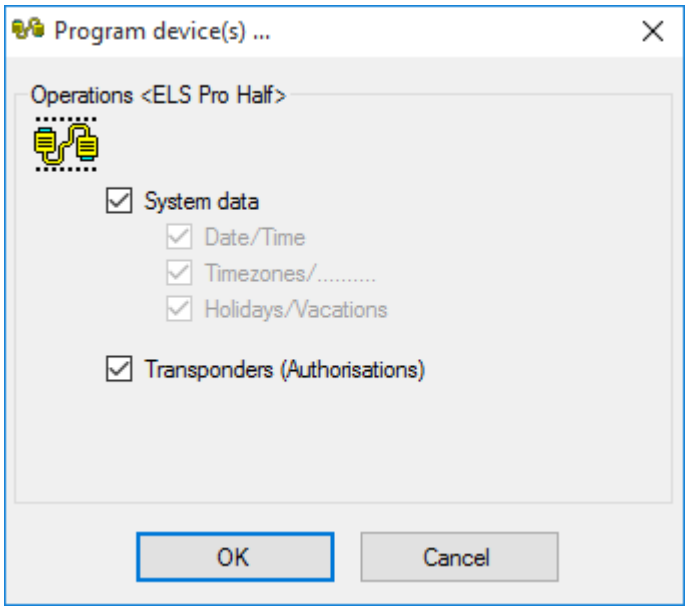
The authentication process is thus completed. Click **[OK].**

The directly connected mode window is active again.



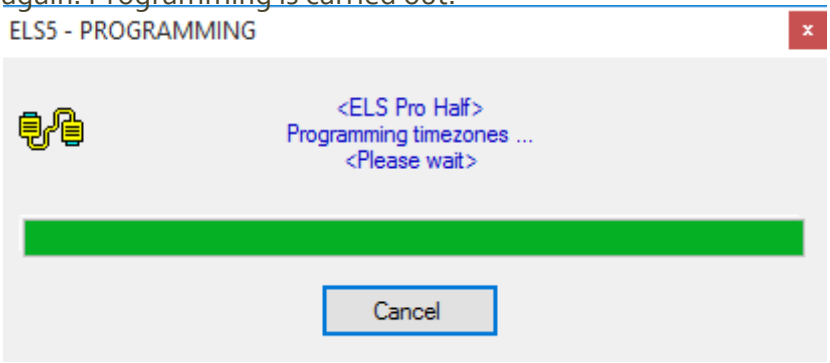
Click **[Quit]**.

After you have assigned authorisations to the device, the device must be programmed. To do this, select the directly connected mode again and click the button [Program]. The following window appears.



Click **[OK]** and then present the wireless wake-up card

again. Programming is carried out.



Commissioning of the ELS Pro has thus been completed.

The ELS RF NetManager in the Online Module

Please note: the following screenshots show the Protector, but they are also valid for the ELS Pro.

The ELS RF NetManager enables the online connection of the ELS Pro by Ethernet.

The ELS Pro is connected to the ELS RF NetManager via a radio interface. Der ELS RF NetManager will be integrated into your network via Ethernet. The ELS software (5.3 or later, with online module) enables quick and easy configuration of the ELS RF NetManager.

Thanks to the connection of the ELS Pro to the ELS RF NetManager by radio, you can integrate the ELS Pro into your network without any cables, and thus without having to make any alterations to the door.

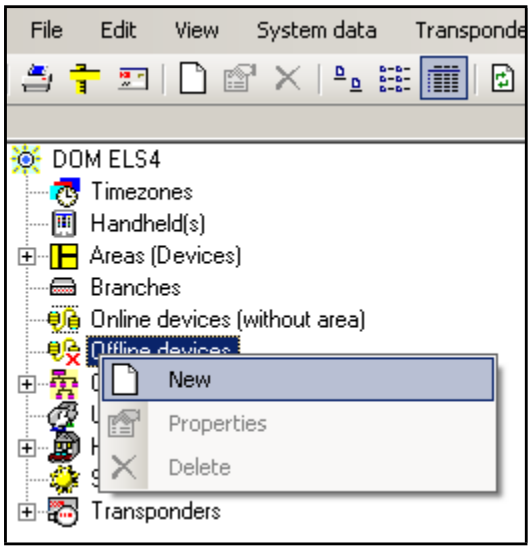
The connection of the ELS RF NetManager by Ethernet also offers you further advantages:

- Fast transmission of programming data to the ELS Pro and of events from the ELS Pro.
- Supplying of power to the ELS RF NetManager possible without additional cabling, using PoE (Power over Ethernet).
- Use of standard devices (switch, hub, repeater) for bus extension
- Use of existing networks (W-LAN)
- No rental charges or licence fees
- Standard for all DOM products and applications (office, factory, home)
- Interface to devices of other manufacturers
- Expanded functioning through the use of the two inputs and of the output e.g. as door contact, external releasing, activation of the permanently-shut mode, alarm warnings etc.

You principally need one ELS RF NetManager per ELS Pro in order to enjoy all benefits of the Ethernet connection.

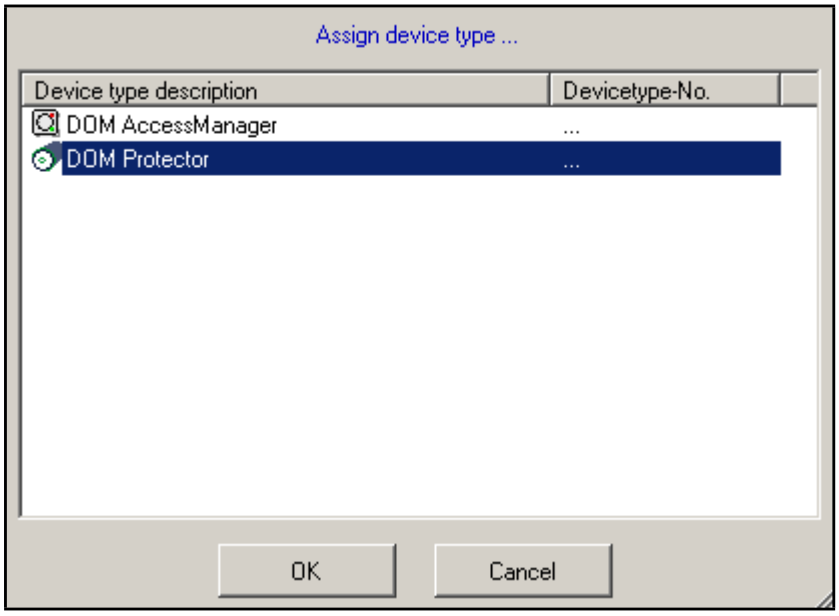
Configuring ELS RF NetManager

First, set up the device that is attached to ELS RF NetManager under Offline devices. That way, you ensure quick and error-free configuration of the connected ELS RF NetManager.



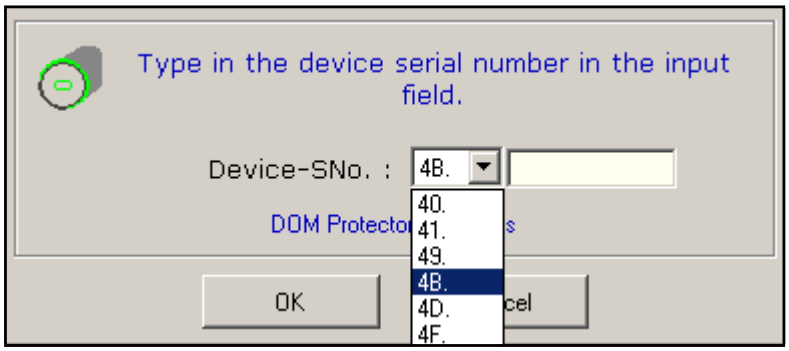
1. Click with the right mouse button on Offline devices and select the sub-point New.

The dialogue window Device-Module opens.



2. Select the desired device (here: ELS Pro) and confirm with OK.

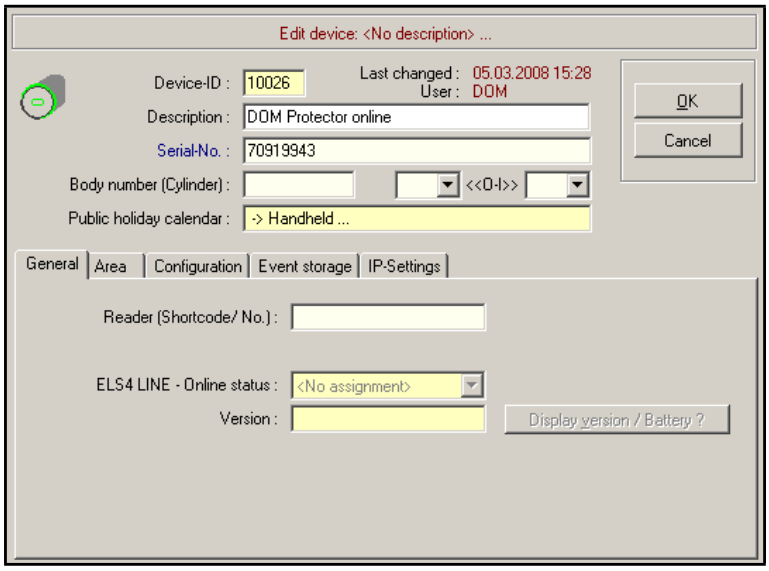
The dialogue window Devices-Module appears.



3. Please select the corresponding ELS Pro in the drop-down menu.

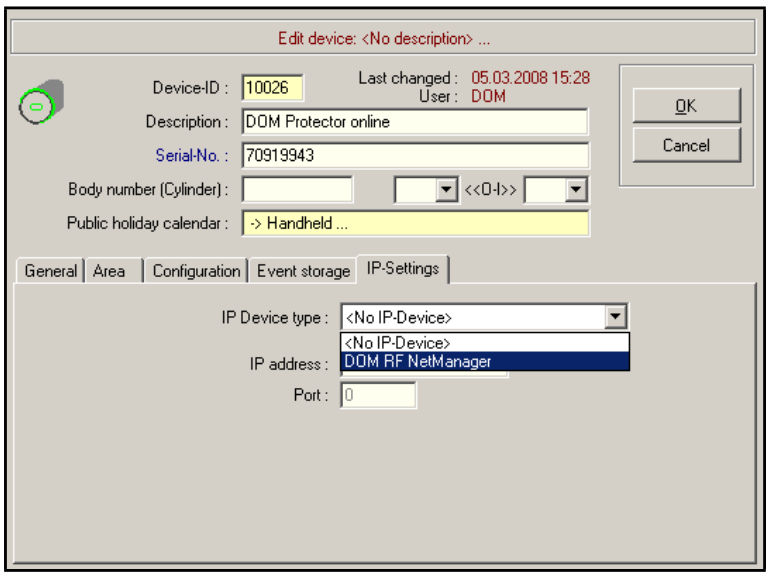
Note! the device model and the serial number can either be found in the attached pass card or on the packaging.

4. Please enter the serial number and confirm with OK. The dialogue window Devices-Module appears.

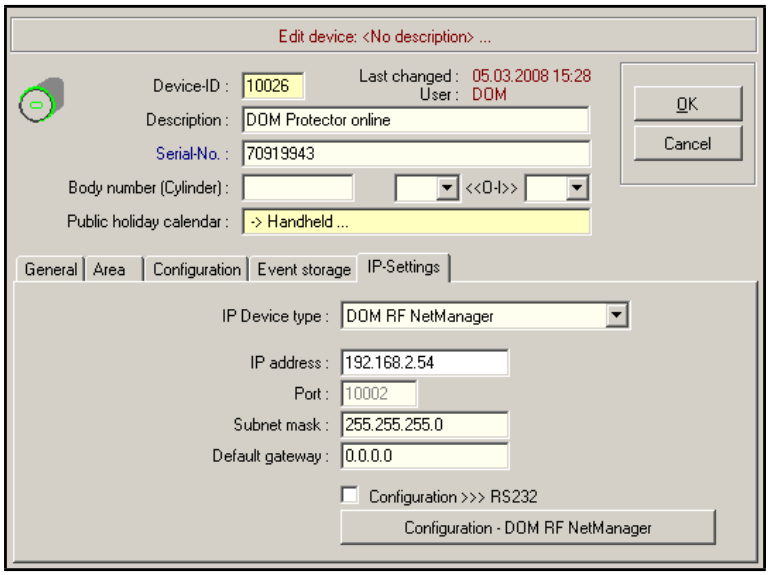


Note! The online status No assignment can only be changed once the ELS RF NetManager has been successfully configured.

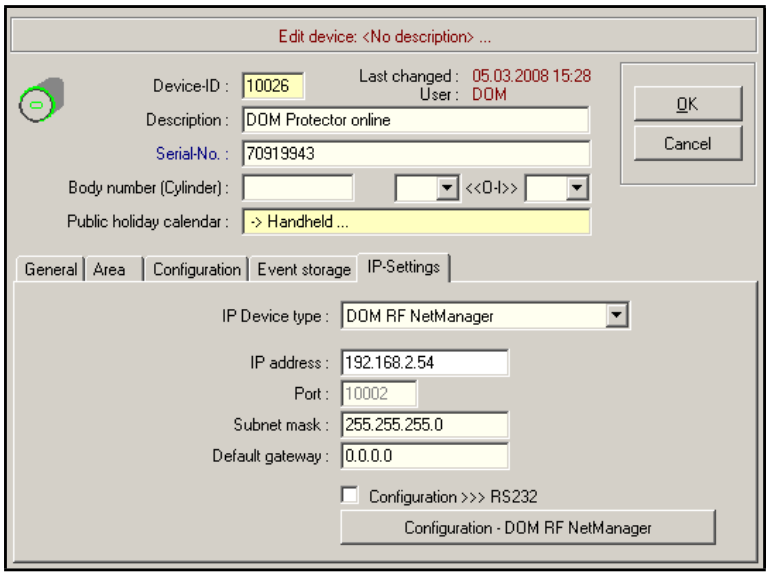
5. Switch to the register card IP-Settings.



6. In the field IP Device type, select the ELS RF NetManager.



Note! If you do not know the IP settings, contact your System Administrator and ask for the IP settings. You will require a valid combination for the IP-address of the ELS RF NetManager (which has remained unused up to now), the mask of the accompanying sub-network and the IP-address of the gateway, if the IP- addresses of the PC with the ELS software and the ELS RF NetManagers are not to be found in the same sub-network.



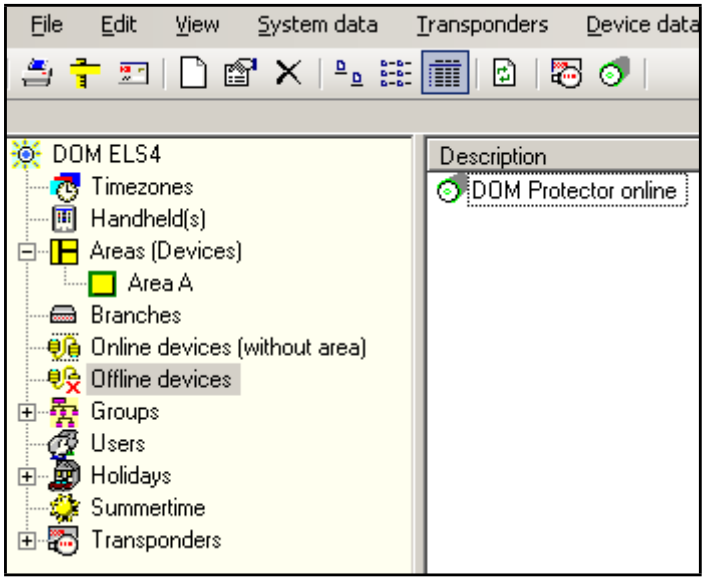
7. Carry out the IP settings and confirm your input with OK.

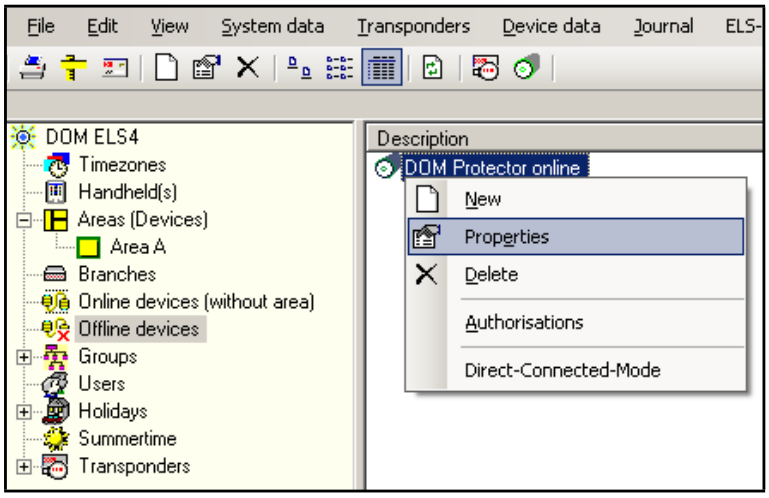
If you click on the button Configuration - ELS RF NetManager straight after entering the IP settings, the following dialogue window will appear.



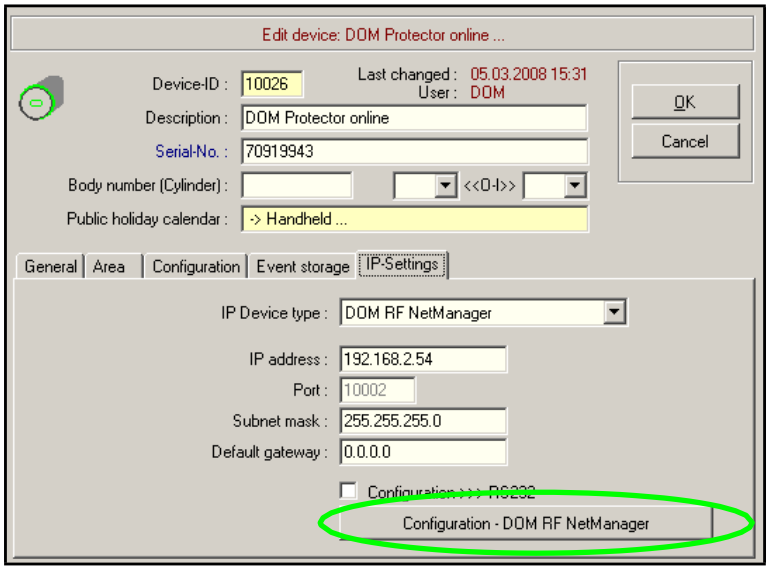
8. In this case, confirm with OK and close the devices management using the button OK.

This will take you back to the Explorer window.





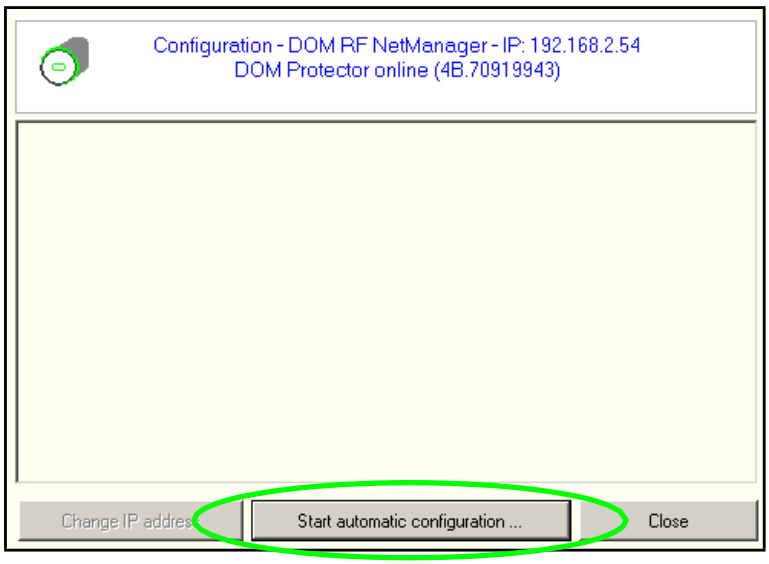
9. Click with the right mouse button on the device and select the sub-item Properties.



10. Now click on the button Configuration – ELS RF NetManager.

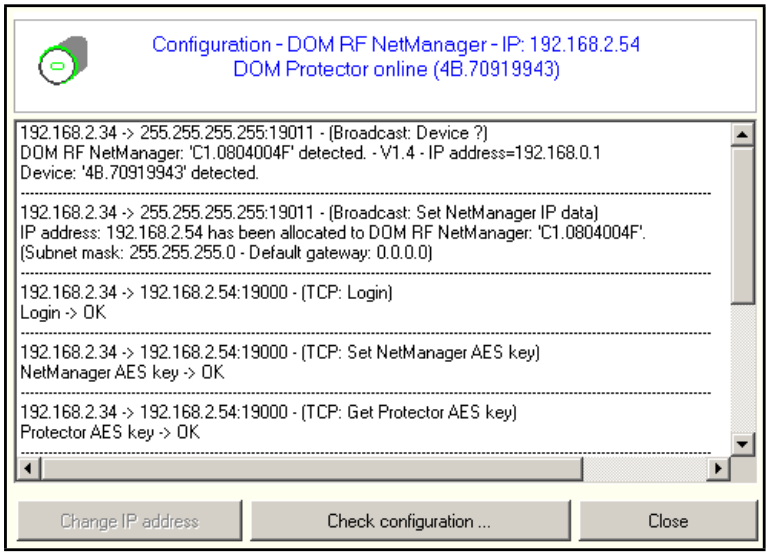
The Configuration window opens.

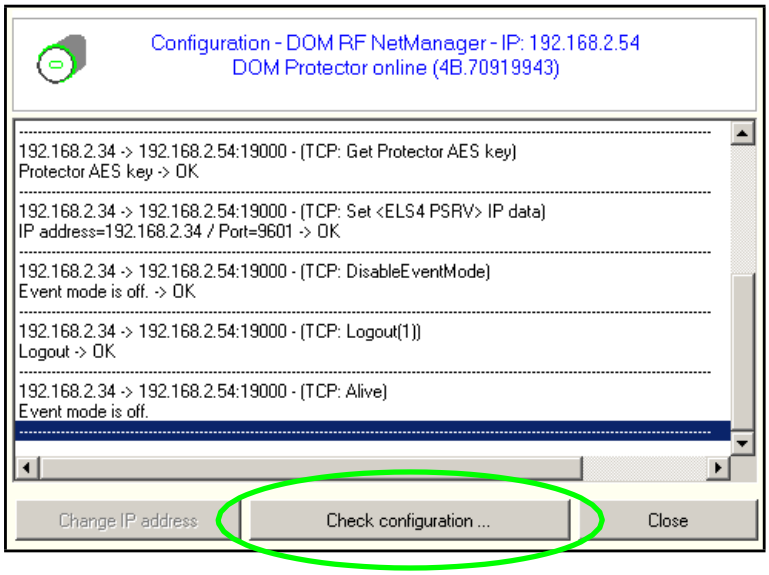
The Configuration window opens.



11. Click on the button Start automatic configuration... .

If you have entered all parameters correctly and all electrical installations have been correctly carried out, the configuration runs automatically without intervention by the user.



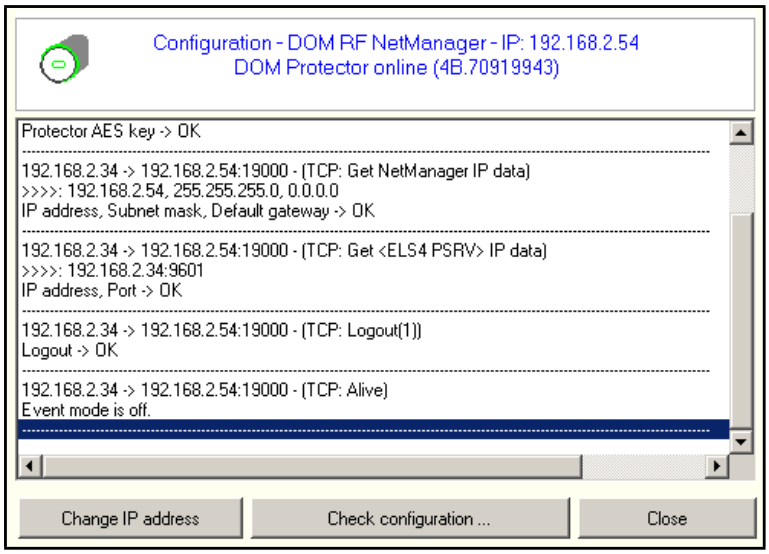


After successful configuration, the button Start automatic Configuration ... changes into the button Check configuration ... .

The automatic configuration is completed.

12. Click on the button Check configuration... .

The configured parameters are checked.

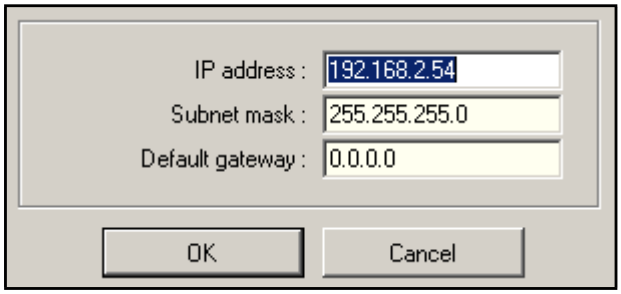


13. Click on the button Close, if you do not want to alter the IP-address.

Note! You can alter the IP-address as long as the ELS RF NetManager is not yet activated.

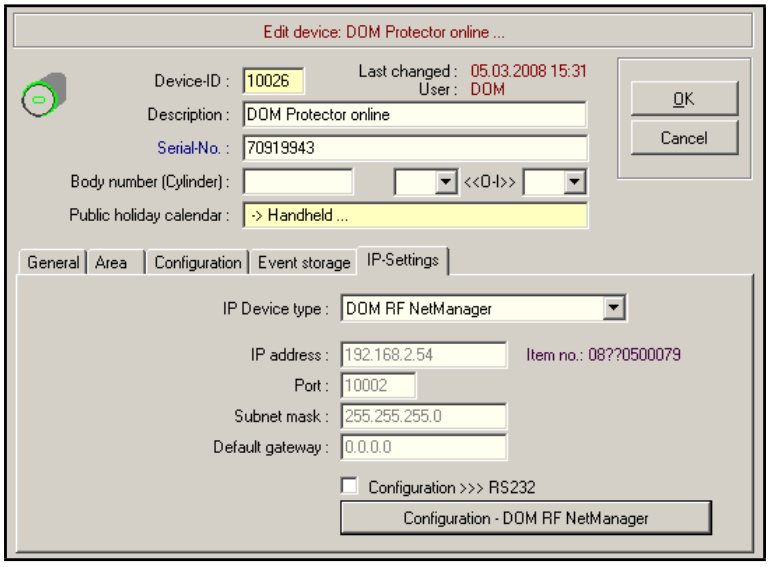
For this, click on the button Change IP Address.

The dialogue window Change IP-Address opens.

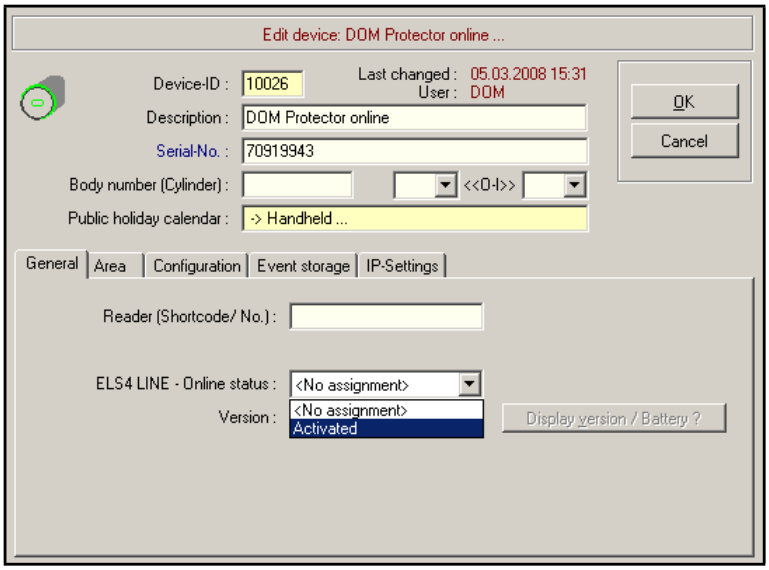


14. If you want to change the IP address, enter the desired IP address and confirm your input with OK.

In order to return to Devices Management, click on the button Close in the configuration window.

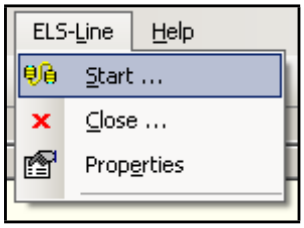


15. Change over to the register card General.



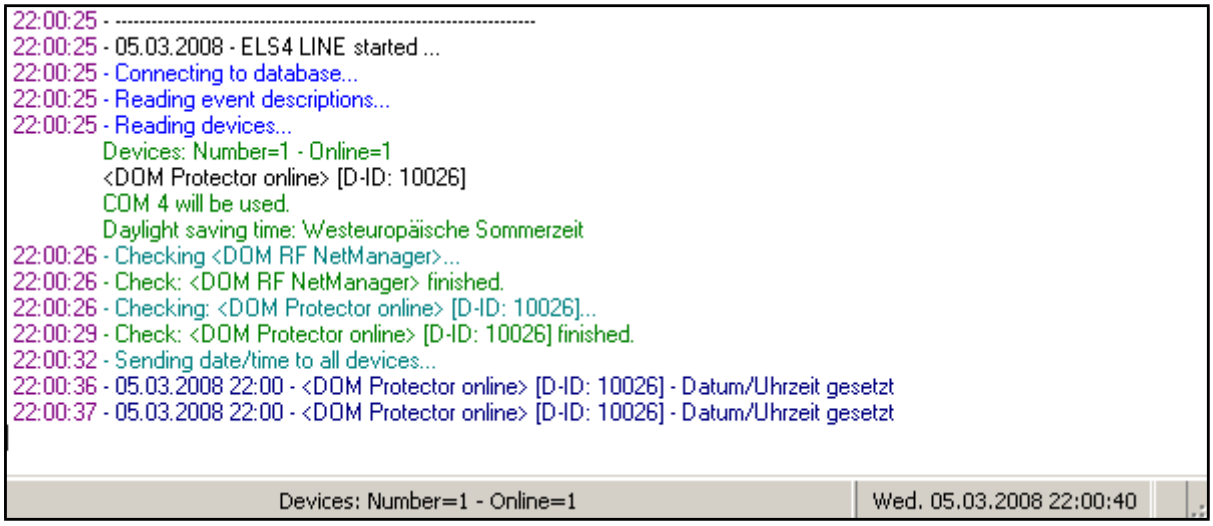
16. Set the online status to Activated and click on OK.

This will take you back to the Explorer window.

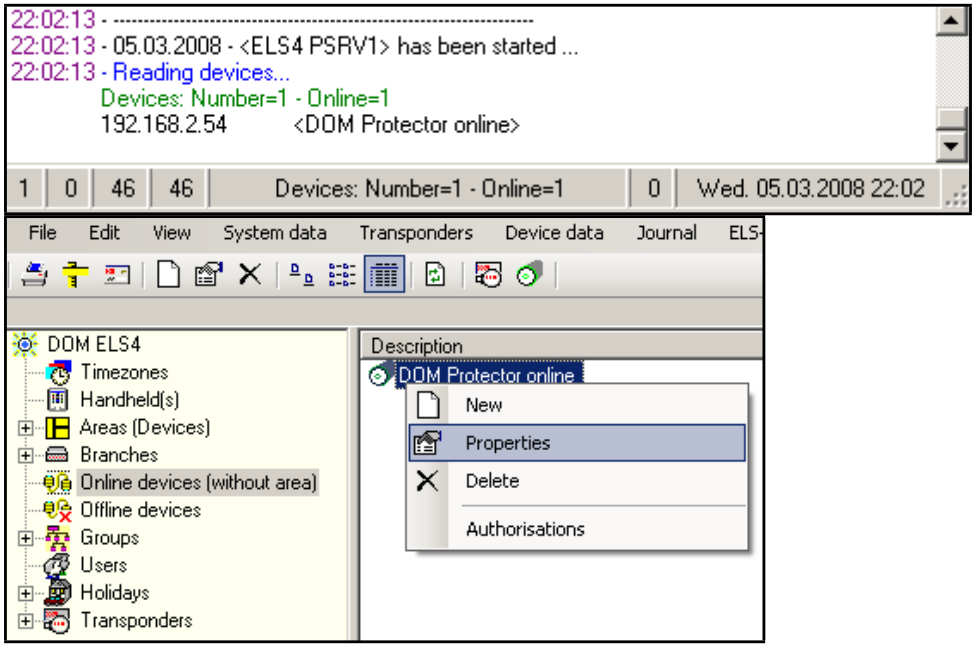


17. If the ELS line has not yet been started, select the sub-item Start in the ELS Line menu.

The ELS Line is started.

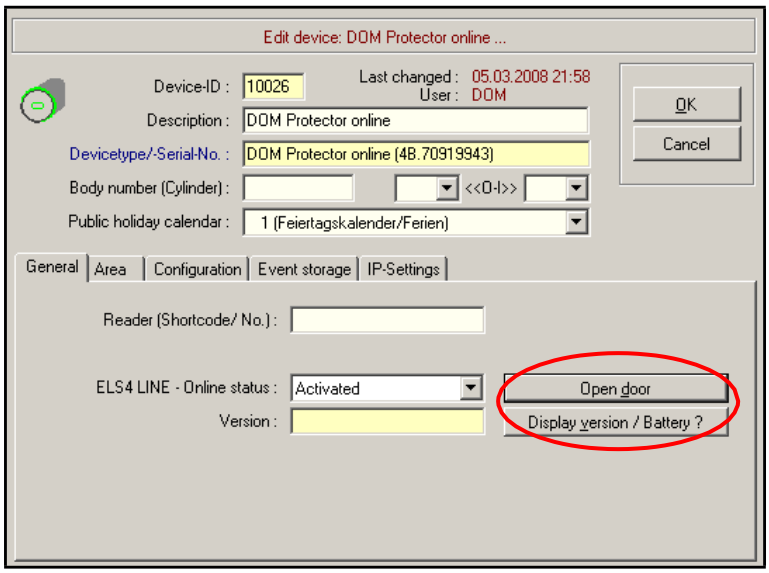


The periphery server is also started by the line.
The periphery server is for buffering the current events that the ELS RF NetManager sends to the PC, until the ELS Line programme displays these and adds them to the database.

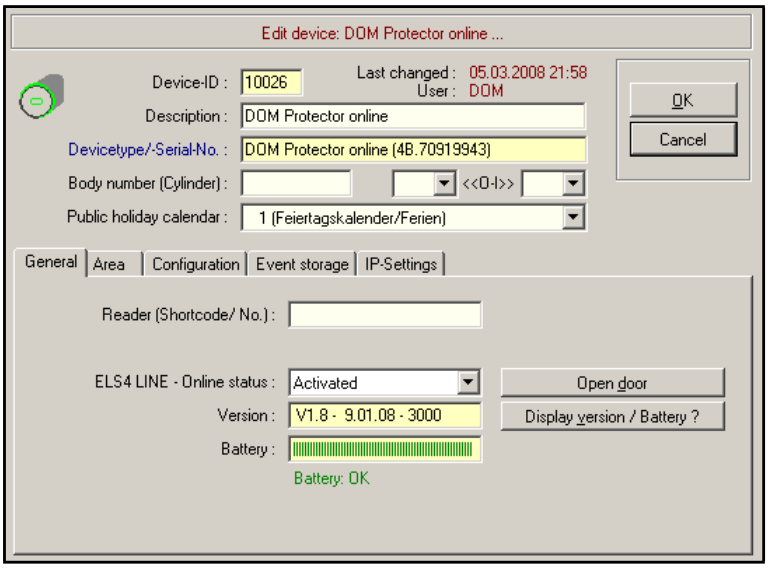


18. Click with the right mouse button on the device that you want to operate with the ELS RF NetManager and select the sub-item Properties.

The dialogue window Device Management opens.

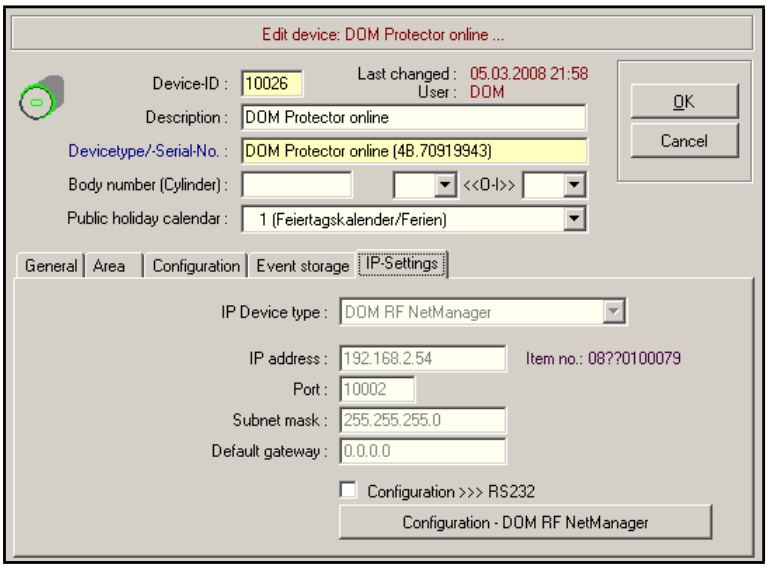


You can now open the door on the register card General and have the version of the ELS device and the battery status displayed that is connected to your network via the ELS RF NetManager.



Note! The battery status of the ELS Pro on offline systems can be read out over the directly connected mode and for online systems upon a started ELS-Line.

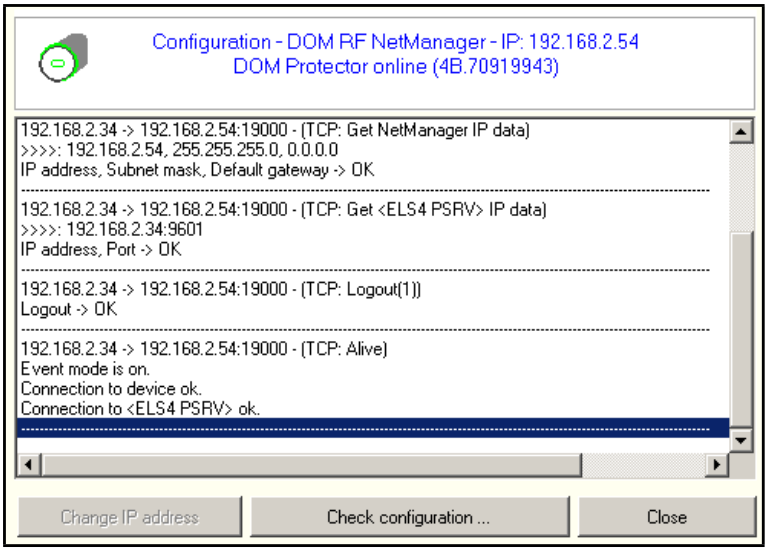
19. Change over to the register card IP Settings.



20. Click on the button Configuration – ELS RF NetManager.

This will take you to the Configuration window.

21. Finally click on the button Check Configuration.



The entry for the successful connection with the periphery server is displayed to you.

Configuring ELS RF NetManager Via RS232 Interface

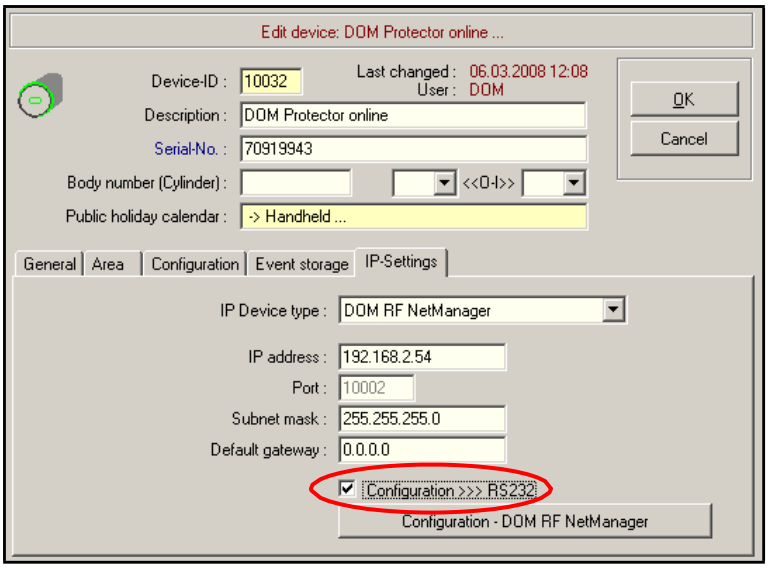
If network parameters are not to be transferred via an Ethernet interface, you can also configure the ELS RF NetManager via the RS232 interface.

Proceed as follows:

1. Connect the clips 2,3 and 4 of the NetManager to a COM port on the PC (see Installation and Operating Instructions for ELS RF NetManager).

2. Activate the necessary mode on the ELS RF NetManager (see the ELS RF NetManager installation and operation instructions).

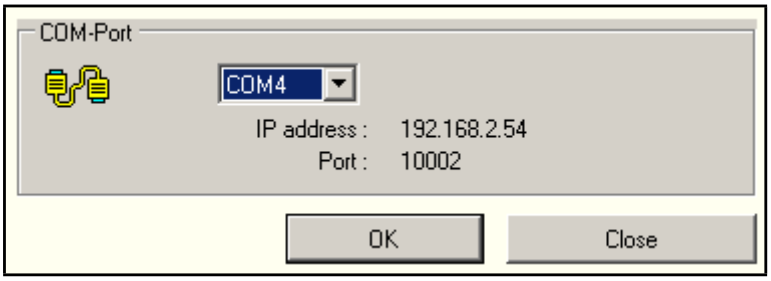
3. Open the Device-Module of the desired device.



4. Change over to the register card IP Settings and activate Configuration >>>RS232.

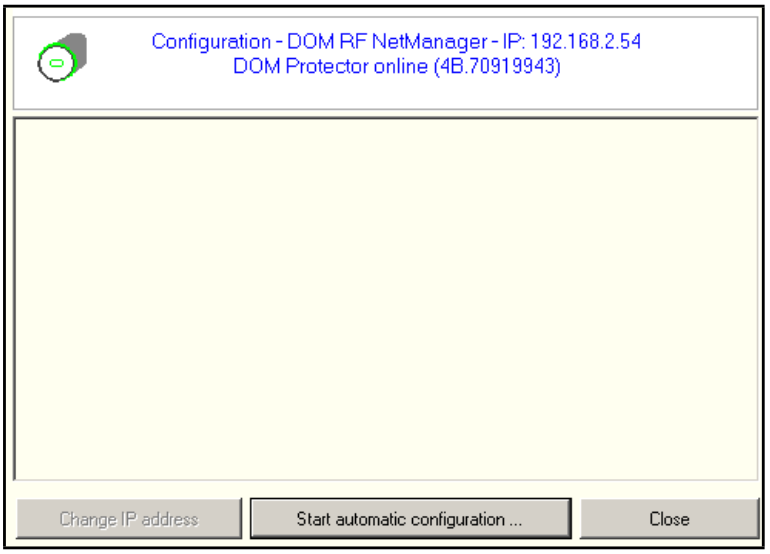
5. Then click on the button Configuration – ELS RF NetManager

The dialogue window Directly Connected Mode opens.



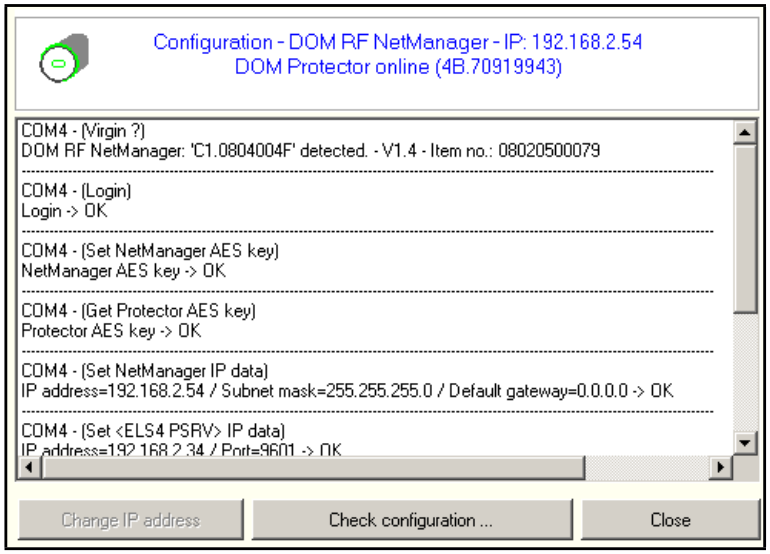
6. Select the right COM-Port and confirm with OK.

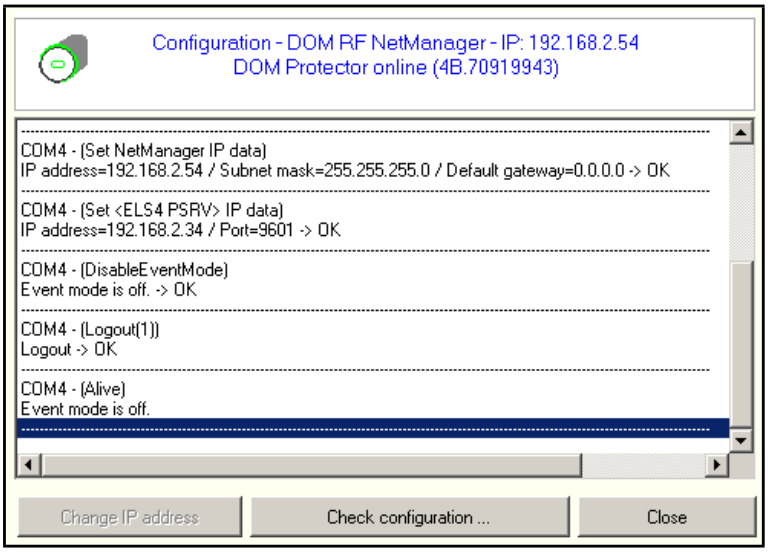
This will take you to the Configuration window.



7. Click on the button Start automatic configuration ... .

The automatic configuration is carried out. If you have entered all parameters correctly and all electrical installations have been carried out correctly, the configuration runs automatically without intervention by the user.





The configuration of the ELS RF NetManager in RS232 mode is completed.

Once successfully configured, restore the ELS RF NetManager to the mode in which it shall be used (see the ELS RF NetManager installation and operation instructions).