Handling short instructions for

TINA

power supply:

If you want to use the device you have to supply power to it first.

The device can either be powered with 5V via the USB connector or with 24V via the included phoenix connector *(attention: polarity must be respected)*.

access to the web interface:

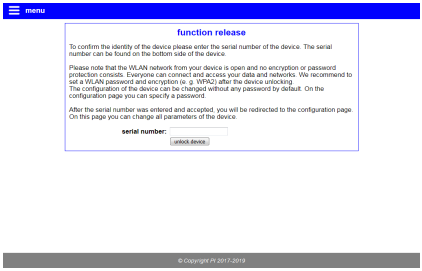
After you have supplied power to your device you have the ability to access the web interface of the device.

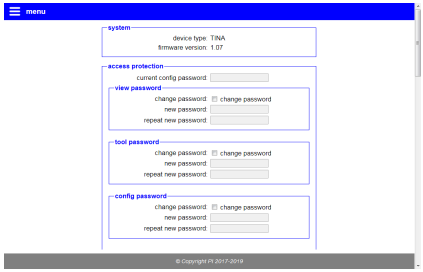
The ***TINA*** device provides an own WLAN network via it's integrated WLAN interface. The WLAN network has the name „TINA WiFi“. This network is not encrypted, so you can connect to it easily without entering a password or something else.

If you are connected with the WLAN network of the ***TINA*** device your computer or smart phone get's an IP address automatically via DHCP. If your computer / smart phone is not configured for DHCP you can either configure your network card to use an IP address between 192.168.1.2 and 192.168.1.254 or activate DHCP on it.

If your computer doesn't have a WLAN interface or if you don't want to use it you can still access the ***TINA*** device through the LAN-A interface. On this interface no DHCP server is running, which means that you have to configure the IP address of your computer manually. Therefore you just have to assign an IP address from the range of 192.168.2.2 to 192.168.2.254 to your PCs network card.

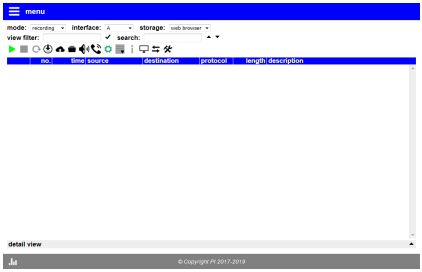
Now you can open an internet browser (e. g. Mozilla Firefox) and enter the IP address 192.168.1.1 (for WLAN) or 192.168.2.1 (for LAN-A) in the address line. Next you should see the web interface of the ***TINA*** device with a hint window and an input field *(see picture on the right side)*. On this page you have to enter the serial number of the device, which can be found on the bottom of the device.





After you have entered the serial number the device is unlocked and can be used normally. To be able to customize the configuration directly, you will be redirected to the configuration page *(see picture on the left)* after entering the serial number. We recommend that you check and maybe customize the configuration.

As soon as you have saved the configuration via the "submit configuration" button on the configuration page, your browser will redirect you to the start page of the device *(see picture on the right)*.



Analyzing the network traffic:

The ***TINA*** device has the ability to analyze the network traffic between two or more LAN subscribers. First you have to connect the first subscriber with a LAN cable to the interface A of the ***TINA*** device. Next you can connect the second subscriber with another cable to the interface B. If you have more than two subscribers you can connect a switch or hub to one or both interface(s).

For analyzing and controlling the network traffic you have several pages on the web interface: "overview", "network scan", "network tools" and "DHCP clients"

An detailed description as well as an explanation of the single web pages can be found in the manual of this device. The user manual can be found on the product page of our web page under the download section *Documentation → Handbook TINA*.

https://www.tpa-partner.de

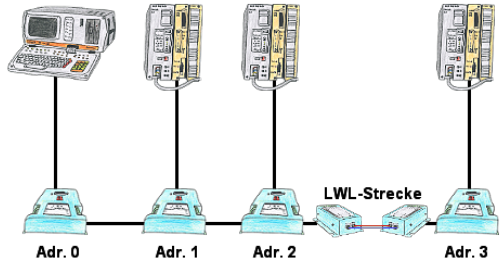
Menutree Website:

+ Products / docu / downloads
  + Hardware
    + Analysis technic
      + TINA

QR-Code Website:

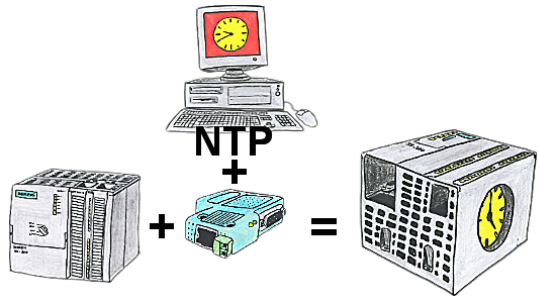
Please make sure to update your drivers before using our products.

Longer distances for L1-Bus



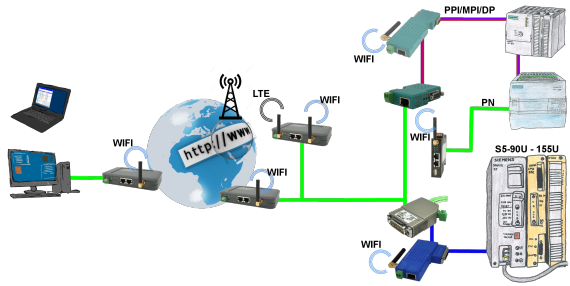
You need for your L1-Bus higher distance like the possible 1200m? You have strong distrubance on your L1-Bus? You need a serial line for higher distances and this galvanic decoupled? No problem, all this points are solved through the LWL-adapter. They are available for artificial and optical fibre, for L1-Bus and RS232.

Actual time for the PLC?



You need in your PLC a actual time? No problem, with the NTP-function the S7-LAN-module get from a NTP-(Time-)Server the actual time and transfers it direct into the configured PLC or for processing in a DB.

Simple and uncomplicated remote maintenance



Simple and uncomplicated remote-access to your devices/systems via the Internet

VPN-tunnel, registration at any portal is not necessary, activate the device and select and communicate with the opposite system

No great effort to implement access. Use of the devices without consulting IT, no time-consuming commissioning procedure

All your devices in your own cloud, no access from third-party CONNECT-devices to your devices/systems