Handling-Shortinstruction for

USB-Powerkabel V1.1

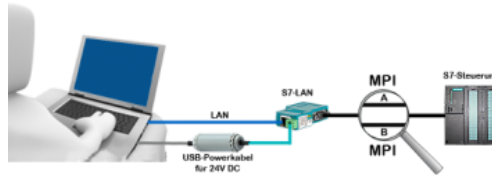
With the USB-power-cable you generate from the USB-voltage +5V the in the automation-technology customary 24V DC.

Attention:
Please note that the maximum power output of 3W requires a power on the USB-side of at least 600mA. Any commercial PC has a maximum standard output of 500mA. At ports that are duplicated through a hub there is often delivered only 100mA!
Not that you burd the USB-port with excessive current draw of the PC such that it is defective.
For damage caused by improper use, we assume no adhesion.

The cable has the following pinout:
Red wire-termination: +24V DC
Blue wire-termination: 0V (GND)

You can use the cable as follows:

1. Accessing bus systems without 24V

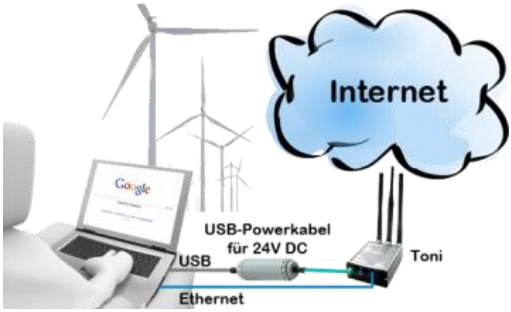


You are on site at your plant, right in the field and have no 24V DC to power your S7-LAN-module? Plug the USB-powercable into a free USB-port on your PC, connect it to the S7-LAN-module and you will be immediatly Online on the connected bus.

2. Operation with power-pack

You want to move your mobile plant and need for the Acces-Point ALF a 24V DC supply. Through the USB-powercable and a USB-power-battery you have mastered the problem with little effort.

3. Complete supply from the PC



You are on site at your plant, right in the field and have no electrical outlet in order to realize your internet-access by Toni. Plug the USB-powercable into a free USB-port on your PC, connect it to the Toni and you will have immediate access to the internet.

More information about our products you can find here

https://www.tpa-partner.de

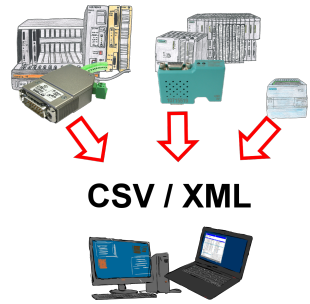
Menutree Website:

+ Products / docu / downloads
  + Accessories
    + Connector / Power supply
      + USB-powercable for 24V DC

QR-Code Website:

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

PLC-data in Excel-readable file



Save your PLC content, production-data in a file on your PC. This file, a CSV- or XML-file (depending on the license), can then be used e.g. further processed with Excel.

A file that includes all configured variables in an infinitely-long list with a suitable time-stamp, either controlled by the PC or via a PLC-trigger (depending on the license). No matter which Siemens-control, as soon as a network-connection is available, nothing stands in the way of recording.

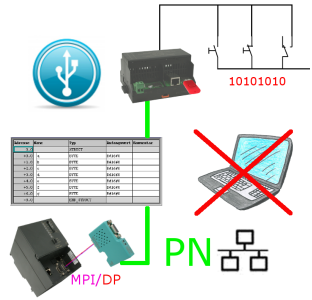
With S7-LAN for PPI, MPI or Profibus or S5-LAN++ for S5-controllers, PLCs without a network-connection can also be addressed and recorded. And depending on the license are several parallel connections possible.

Universal communication at all interfaces

Wired or wireless communication (WIFI) via the same adapter with the respective control Devices from the BRIDGE-family always connect a wired-network with a wireless-network (WIFI) and a specific PLC-interface. This gives you access to the directly connected controller via WIFI (with S7 to the entired bus) as well as to the wired Ethernet. Of course also from wired Ethernet to WIFI and control/bus.

Always connected to each other, all made possible by the devices of the BRIDGE-family.

Data backup S7-PLC over MPI/Profibus on USB-stick via dig. IO



Via digital input triggered DB-backup/-restore without additional PC via MPI/Profibus to USB-stick