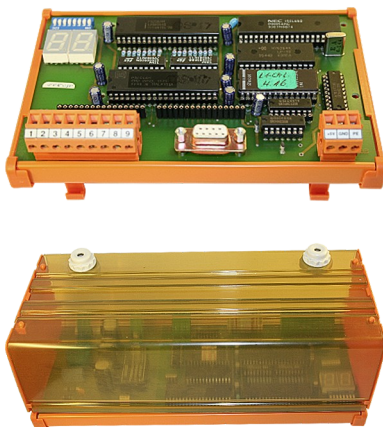


# Handling-short-instruction V1.0 for

## L1-BUS Controller



### Power connection:

Voltage: 24 V DC  $\pm$  20% (Desktop-Device)  
 5 V DC  $\pm$  20% (DIN-Rail-Mounting)  
 Power: 4W

### Initial start-up :

- Plug the needed modules into the right connectors. The components on the module-board point in your direction
- Connect the L1-Bus to the 9pin connector with screws
- Connect the PC to the D-Sub 9pin
- Check Dip-Switch described like in the handbook (default setting: 9600bd, 8, N, 1)
- Connect power-supply:  
 Desktop-Device: 24V DC to the 2pin connector with screws (Pin1 GND, Pin2 Vcc)  
 Din-Rail-Device: 5V DC to the 3pin connector with screws (Pin1 Vcc, Pin2 GND)

Now you will be able to communicate with a PC over RS232 with the controller. More informations you can find in the handbook of the device.

Under the web-address <https://www.process-informatik.de> are product specific documentations or software-driver/-tools available to download.  
If you have questions or suggestions about the product, please don't hesitate to contact us.

Process-Informatik Entwicklungsgesellschaft mbH

Im Gewerbegebiet 1

DE-73116 Wäschenbeuren

+49 (0) 7172-92666-0

[info@process-informatik.de](mailto:info@process-informatik.de)

<https://www.process-informatik.de>

Copyright by PI - 2025

**Menutree Website:**

- + Products / docu / downloads
- + Hardware
  - + Converter
  - + L1-Controller

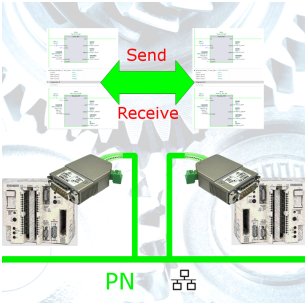


**QR-Code Website:**



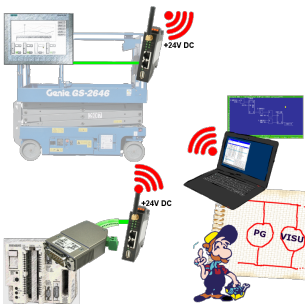
Please make sure to update your drivers before using our products.

S5 to S5
----------



## Coupling S5-controller with PD-port at S5-controller with PD-port via network

Current S7 panels via WLAN to the S5 controller
---



Connect each S7-TCP-IP panel to your S5.

Now also available via WLAN for mobile workstations.

PARALLEL several panels and even simultaneous PG connections possible.

Include hard-to-reach places in your ERP system.

## WIFI not allowed, what now?

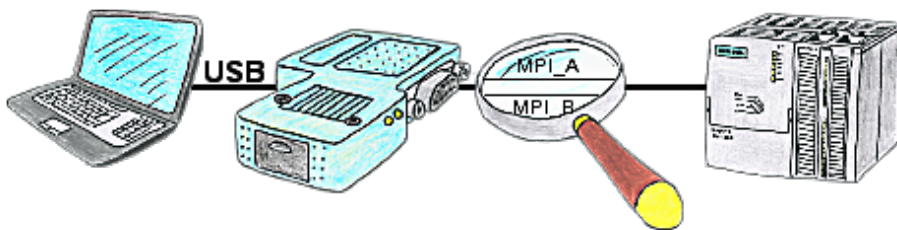


You may not use WIFI in your environment?

Connect the USB-ETHERNET-adapter to the ProfiNet-WATCHDOG's USB-port and create another Ethernet-socket.

Connect your PC directly with LAN-cable to the ProfiNet WATCHDOG.

## Access to MPI/Profibus without power supply



You're right in the middle of your production line and are standing in front of a passive assembly just like a switcher or a ET200, in that case you won't be able to go Online without an external power supply of your programming adapter, unless you're using the S7USB. This module is supplied completely from the USB-interface.