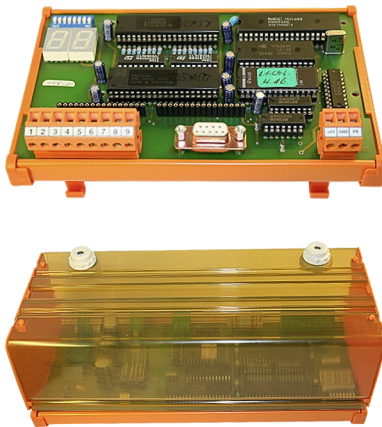


# Handling-short-instruction V1.0 for

## 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:**

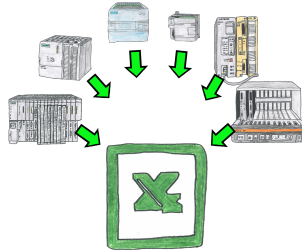
- + Products / docu / downloads
- + Hardware
- + Converter
- + L1-Controller

**QR-Code Website:**



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

## Actual data of S5/S7-PLC in Excel-file



Vorlage + aktuelle SPS-Daten => Excel-Datei  
Template + actual PLC-data => Excel-file

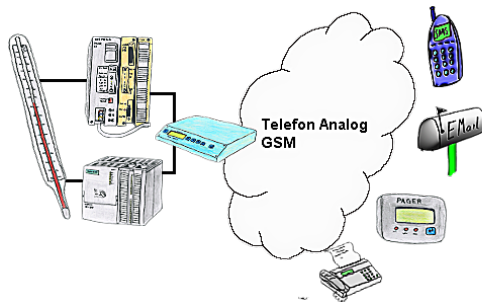
Logging of workflows, recording of operating states, archiving of process data, all of these requirements can be handled with "PLC data in Excel".

You create a template-file in Excel, enter special keywords as placeholders for PLC-data such as flags, timers, counters, I/O and the connection-parameters and save the file as a template for the tool. The tool runs on a Windows compatible PC and polls the defined controller. As soon as the trigger event occurs, the configured PLC-data is read out and entered in the template file instead of the placeholder and saved under a specified file-name in the specified directory.

It is also possible to communicate with controllers without a network-interface via S7-LAN (with S7-200/300/400) or S5-LAN++ (with S5-90U to 155U).

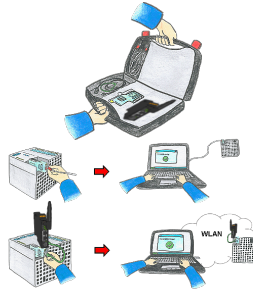
A corresponding Excel-file for each trigger event.

## Failure report transmission released by the PLC



Your outstation reports the current value cyclically, or in case of malfunction the status via FAX, to your mobile phone as SMS or to your pager.

## Universally on/around machine and PLC



Communication with S5/S7-PLC (mainly), whether wired or via WIFI?

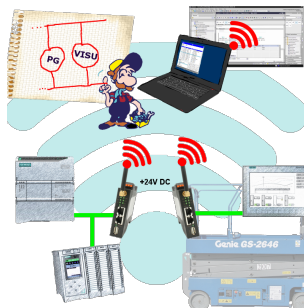
Universally armed for all requirements with the WIFI-sets, regardless of whether it is an S7-PLC, S5-PLC or a controller from another manufacturer with a LAN connection, having everything with you, depending on the used set, is your advantage.

- \* S5-LAN++ or S5-BRIDGE for S5-PLC
- \* S7-LAN or S7-BRIDGE for S7-PLC (PPI/MPI/Profibus)
- \* ALF-UA as a pure converter from Ethernet to WIFI
- \* Patch-cable or Cross-cable in order to act also wired

With the WIFI-Set you simply have everything with you in a handy case, be prepared for everything.

Profinet WLAN panel connection

This makes (on-site-) work a pleasure.



Simply connect your panel to your Profibus via WLAN.

Mobile workplaces are optimally connected.

You will be able to link additional applications such as PDs, visualizations or ERP systems at the same time.