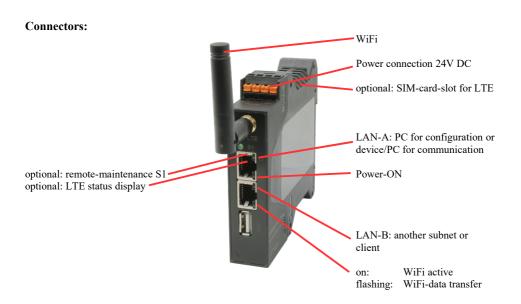
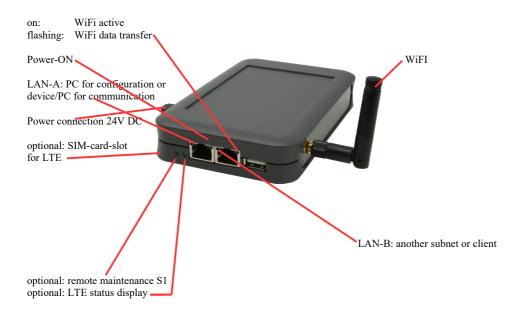
Handling-Shortinstruction V1.0 for

CONNECT-HS-Router + CONNECT-Router industrial WiFi-router





Power connection:

Voltage: $24 \text{ V DC} \pm 20\%$

power consumption: 1,2W

Assignment of voltage plug:



Initial start-up:

- CONNECT-Router creates a WLAN network with an SSID "CONNECT WiFi" with active DHCP master (laptop is automatically assigned an IP address)
- Connect laptop to this WiFi network and open with browser webserver with IP: http://192.168.2.1

or

- Connect the PC to the LAN port using a LAN cable
- PC must be in the 192.168.2.xxx subnet

Starting page:



Basic configuration:

Assign a name to the device for identification

2 operating modes are possible with the CONNECT-Router:

Bridge Multiple interfaces connected to a common network
 Router Separation between LAN and WAN (Internet) network

For operation mode Bridge:

In the last step you have to configure with the local network.	how your device should be connected
interfaces:	☑ LAN-A ☑ LAN-B ☑ WLAN
IP settings	
IP configuration:	O DHCP manually
DHCP server:	✓ enable
IP address:	
subnet mask:	
─WLAN settings	
search:	start search
mode:	Access Point (AP) V
SSID:	CONNECT WiFi
security type:	open v
channel:	auto channel 🗸

LAN configuration:

Determine the interfaces that should be bridged

IP settings:

- IP configuration: DHCP (parameters come from a DHCP master on the network)

Manual (IP address + subnet mask fields must contain valid values)

Device is a DHCP server on the selected interfaces

- IP address: IP address of the device - subnet mask: Subnet mask of the device

WLAN settings:

- DHCP server:

- Search: Searches for accessible WiFI networks and lists them. By clicking on an entry,

the selected WiFi network is used for connection

- Modus: Access-Point (AP) [the CONNECT-Router opens its own WiFi]

Client [the CONNECT-Router connects to an existing WiFi network]

- SSID: Name of the connected or created network

- Sicherheitsstufe: Open (no encryption)

WEP (either 5 or 13 ASCII/10 or 26 hexidecimal characters)

WPA (8-64 ASCII characters) WPA2 (8-64 ASCII characters)

WPA/WPA2 8-64 ASCII characters (Independent automatic selection

whether WPA or WPA2)

- Kanal: Selection of the connection channel

for operation mode Router:



WAN interface:

Set the WAN interface from LAN-A, LAN-B oder WLAN

IP settings:- IP configuration:

DHCP (Parameters come from a DHCP master on the network)

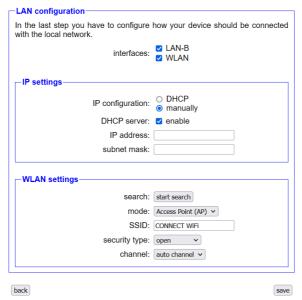
Manuell (fields IP Address + Subnet Mask + Gateway Address must contain

valid values)

IP address:
 subnet mask:
 gateway address:
 IP address of the device
 Gateway address of the device

LAN configuration:

Determine the interfaces that should be connected to the local network



IP settings:

- IP configuration: DHCP (Parameters come from a DHCP master on the network)

Manuell (fields IP address + subnet mask must contain valid values)

- DHCP-Server: Device is a DHCP server on the selected interfaces

- IP address: IP address of the device - subnet mask: Subnet mask of the device

WLAN settings:

- Search: Searches for accessible WiFI networks and lists them; by clicking on an entry,

the selected WiFi network is used for connection

- Modus: Access-Point (AP) [the CONNECT-Router opens its own WiFi]

Client [the CONNECT-Router connects to an existing WiFi network]

(no encryption)

- SSID: Name of the connected or created network

- Sicherheitsstufe: Open

WEP (either 5 or 13 ASCII/10 or 26 hexidecimal characters)

WPA (8-64 ASCII characters) WPA2 (8-64 ASCII characters)

WPA/WPA2 8-64 ASCII characters (Independent automatic selection

whether WPA or WPA2)

- Kanal: Selection of the connection channel

By "Save" the selected configuration is adopted. The device is ready for use in the specified operating mode after a short waiting period (maximum 10s).

You need the following operating modes for the following situations:

Situation	Operating mode	WLAN mode	Particularities
With a laptop around the S5/7 PLC + CONNECT-Router	Bridge	Access-Point	PLC via S5/7 LAN on LAN-A port, additional LAN participants on LAN-B port
Bring S5/7-PLC or LAN-participants into the existing WiFi network	Bridge	Client	PLC via S5/7-LAN / LAN- participant on LAN-A port, additional LAN-participant on LAN-B port
Create a separate subnet for connected devices	Router	Access-Point	LAN-A port to the company network, LAN-B port + WLAN to the machine network (Don't forget routes in the company network)
Extend LAN route Attention: 2 devices are required	Bridge	1. device Access- Point 2. device Client	One device as AP and the second as client

After selecting the configuration, save it in the device and after a short initialization time (max. 10s) the devices are ready for operation.

You can find out more about the operating modes in the device manual on the CONNECT-Router product page.

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 https://www.process-informatik.de

Copyright by PI 2024 - 2025

Menutree Website:

QR-Code Website:

- + Products / docu / downloads
 - + Hardware
 - + Router 3G / WLAN/WIFI
 - + CONNECT-Router-devices
 - + CONNECT-HS-Router

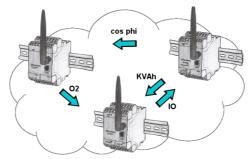






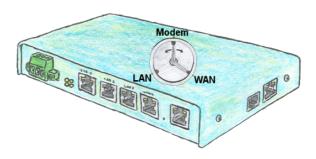
Please make sure to update your drivers before using our products.

EtherSens-cloud



By the EtherSens-cloud each EtherSens-device can exchange data, transfer data and forward to other devices. As if you use one device that records all necessary parameters centrally.

Universal router



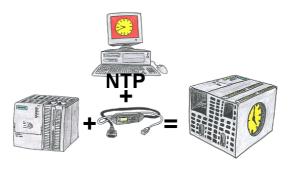
You need to be realized a flexible device for the remote maintenance of your systems? No problem with the TELE-Router you have a device that you can set easily and quickly to the requirement. Whether you need a connection between the modem and LAN, modem and WAN or LAN and WAN.

Data backup S7-PLC over MPI/Profibus on FTP-server via dig. IO



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

Actual time for the PLC?



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