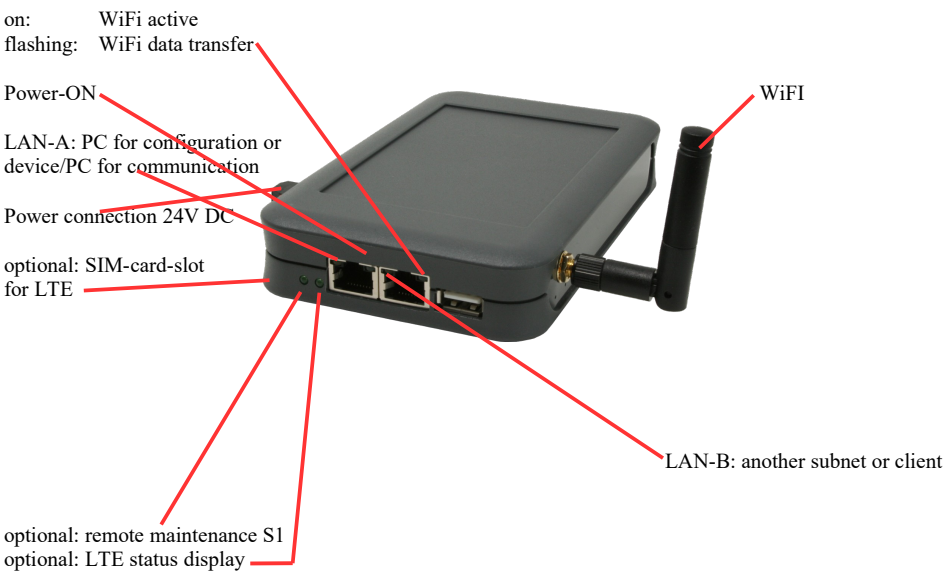
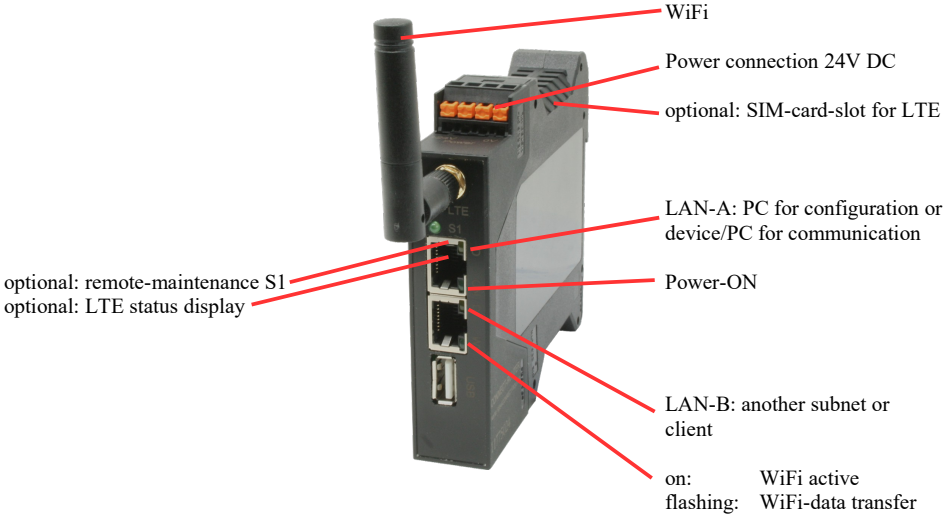


# Handling-Shortinstruction V1.0 for CONNECT-IP-Switch

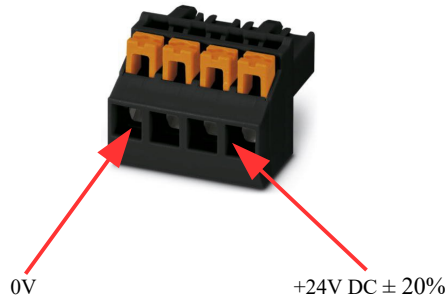
## Connectors:



## Power connection :

Voltage: 24 V DC  $\pm$  20%  
power consumption : 1,2W

## Assignment of voltage plug :



## Initial start-up:

- CONNECT-IP-Switch 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:

**commissioning**

Before you can start to use the device you will have to set up some basic settings. Afterwards your device will be immediately ready for the communication.  
On the page "configuration" you can change these as well as some further settings at any time.

**basic configuration**

In the first step you have the possibility to specify a name for your device.

device name:

## Basic configuration:

Assign a name to the device for identification

Connection to company network:

**Internet configuration**

Next you have to configure how your device should establish a connection to the internet.

router interface: LAN-A ▾

**IP settings**

IP configuration:  DHCP  
 manually

IP address:

subnet mask:

gateway address:

**Internet-configuration:**

Determine the interface to which the target network is connected

**IP settings:**

- IP-configuration: DHCP (Parameters come from a DHCP master on the network)  
Manuell (IP address + subnet mask fields must contain valid values)
- IP address: IP address of the device
- subnet mask: Subnet mask of the device
- gateway address: Gateway address of the device

**WLAN settings**

search:

SSID:

security type: open ▾

channel: auto channel ▾

**WLAN settings:**

- Search: Searches for accessible WiFi networks and lists them. By clicking on an entry, the selected WiFi network is used for connection
- SSID: Name of the connected or created network
- security type: Open (no encryption)  
WEP (either 5 or 13 ASCII/10 or 26 hexadecimal characters)  
WPA (8-64 ASCII characters)  
WPA2 (8-64 ASCII characters)  
WPA/WPA2 8-64 ASCII characters (Independent automatic selection whether WPA or WPA2)
- channel: Selection of the connection channel

## Peripheral configuration:

Interface: Determine the interface that is to be connected to the machine network

**peripheral configuration**

In the last step you can select the interface and configure the addresses for the devices (e. g. from a PLC) who should be reachable from the router interface.

interface:

**IP settings**

IP configuration:  DHCP  
 manually

DHCP server:  enable

IP address:

subnet mask:

## IP settings:

- IP configuration: DHCP (Parameters come from a DHCP master on the network)  
Manuell (IP address + subnet mask fields 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:

mode:

SSID:

security type:

channel:

## WLAN settings:

- search: Searches for accessible WiFi networks and lists them; by clicking on an entry, the selected WiFi network is used for connection
- mode: Access-Point (AP) [the CONNECT-IP-Switch opens its own WiFi]  
Client [the CONNECT-IP-Switch connects to an existing WiFi network]
- SSID: Name of the connected or created network
- security type: Offen (no encryption)  
WEP (either 5 or 13 ASCII/10 or 26 hexadecimal characters)  
WPA (8-64 ASCII characters)  
WPA2 (8-64 ASCII characters)  
WPA/WPA2 8-64 ASCII characters (Independent automatic selection whether WPA or WPA2)
- channel: Selection of the connection channel

## IP-Switch configuration:

Determine the IP addresses or IP address ranges that are to be converted from the machine network into the company network.

**IP-SWITCH**

network bridge:  enable

IP translations: +  <>

IP firewall: +

- network bridge: With this option, all IP packets from the company network to the machine network and vice versa are pushed through the CONNECT-IP switch, except for the packets for IP address translation is registered. This option must be deactivated to ensure strict separation of the machine network and the company network!
- IP translation: left field: IP address from the machine network that is to be implemented  
right field: Converted new IP address from the company network
- IP firewall: The line is accepted with the + symbol and further conversion can be entered Here you determine whether and which IP addresses from the machine network are allowed to communicate with the company network

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-IP switch product page

**Menutree Website:**

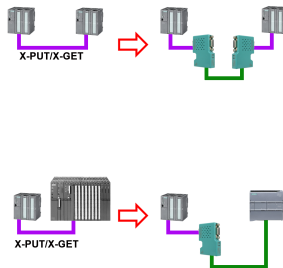
- + Products / docu / downloads
- + Hardware
- + Remote maintenance
- + S5
- + Internet
- + CONNECT devices
- + CONNECT-IP-Switch

**QR-Code Website:**



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

Extend MPI/DP-bus over network or convert to network



MPI/DP communication between two S7-300/400 controllers on the same bus

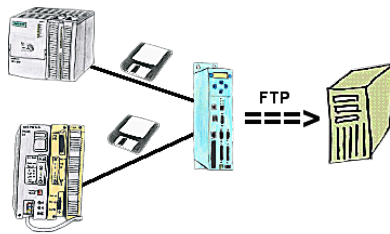
- a control is relocated spatially:

2x S7-LAN with activated X\_PUT/X\_GET module, the data is transported between the modules via the network.

- a control is replaced by a PN control:

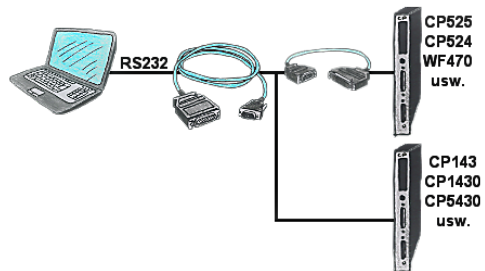
1x S7-LAN with activated X\_PUT/X\_GET module and the received-data are transferred automatically to the configured PN-PLC via PUT/GET.

## Data logger with FTP-interface



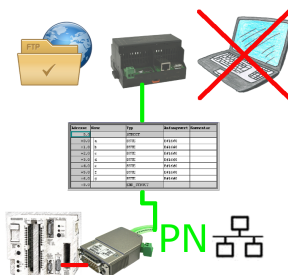
You need a data logger which tape-records the specified data of the PLC and you can collect the data via FTP on demand. No problem, TP-II with the option Datalogger is the solution for you.

## Serial communication with CP and more S5-assemblies



You have a PC with programming software and a 9pin COM-port as interface? No problem, for this purpose the PG-UNI-cable is exactly the right product. Connect it to a Siemens assembly such as H1-CP (CP1430), WF470 and PC or CP-525 with the CP525-adapter and PC and you're Online.

## Data backup S5-PLC on FTP-Server



S5-PLC triggered DB-backup/-restore without additional PC via PG-socket and Ethernet on FTP-server

## Remote maintenance of your S5-PLC via LAN / Internet



You have access to a on-site network and your PLC has no LAN-connection? No problem, plug the S5-LAN on the PLC and you will have immediate access to the PLC from afar.