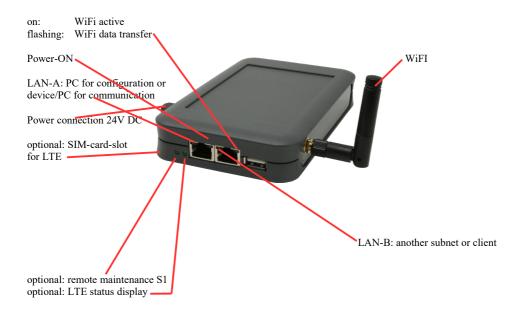
Handling-Shortinstruction V1.0 for

CONNECT-IP-Switch





Power connection:

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

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:				
next				

Basic configuration:

Assign a name to the device for identification

Connection to company network:

ſ	Internet configuration Next you have to configure how your device should establish a connection to the internet.		
	router interface: LAN-A V		
	IP settings—		
	IP configuration: ○ DHCP		
	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:
 subnet mask:
 gateway address:
 IP address of the device
 Gateway address 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

- SSID: Name of the connected or created network - security type: 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)

- channel: Selection of the connection channel

Peripheral configuration:

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

ļ	peripheral configuration				
ı	poriprioral configuration				
	In the last step you can select the interface and configure the adresses for the devices (e. g. from a PLC) who should be reachable from the router interface.				
	interface: LAN-B v				
	IP settings—				
	IP configuration: ODHCP manually				
	DHCP server: ✓ enable				
	IP address:				
	subnet mask:				
П					

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	start search
mode:	Access Point (AP) V
SSID:	CONNECT WiFi
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

- 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 hexidecimal characters)

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

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

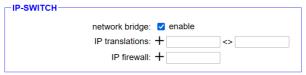
whether WPA or WPA2)

- channel: Selection of the connection channel

IP-Switch configuration:

- IP firewall:

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



- 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: IP address from the machine network that is to be

implemented

right field: Converted new IP address from the company network

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

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.

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Menutree Website:

QR-Code Website:

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

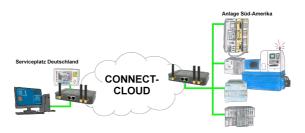






Please make sure to update your drivers before using our products.

Worldwide remote-access thanks to our own cloud



Worldwide remote-maintenance without additional costs thanks to our own cloud

Your devices connect to your own cloud, no matter where they are in the world. Only your devices are in your own private cloud, no one else has access to the cloud. In addition, you can provide each device with its own connection-password, so that the individual systems are protected despite the private cloud.

No registration on any portals, no hidden additional costs, your devices in your own cloud are always accessible.

This is how remote maintenance/remote access is fun.

BOSCH-CL <=> S7-TCPIP

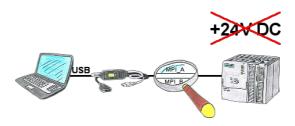


Bring your BOSCH-CL control CL200 - CL400 into the network

Link the PLC with your production-data-acquisition or other Industry 4.0-applications Communicate with the controller as if you were talking to an S7-PLC, but the data comes from the CL-PLC

Networking CL-controllers without much effort (set the IP-address to match your subnet in the module, nothing more)

Access to MPI/Profibus without power supply



PLC-access in the production-system to "passive assemblies" such as frequency-converter or ET200 or on a bus-connector without PLC, not actually possible without 24V DC for the interface product.

MPI-USB-cables 3m or 5m are supplied from the USB-interface of the PC and therefore do not require 24V DC from the connected participant. In addition, communication can also take place on the Profibus of a VIPA-PLC (no 24V DC).

Insensible communication with the S5-PLC



Safe communication with the S5-PLC in an environment of radiant-converters and motor-controls. Electrostatic-charging is also a KO-criterion for operation of interface-cable, a discharge and the interface-product is damaged or even defective.

PG-UNI-II is prepared for this, with its full-metal-cast-housing and ESD-proof components it offers the best protection against such influences. The shielding of the cable connected to the metal-housing is the solution. Of course, the cable can be extended to a TTY-distance of up to 300m, using of adapter for PG-UNI-cables is also possible.