

# Operation Quick Start Guide V1.4 (from FW-version V1.03) for

## CONNECT

### Remote access/machine access without configuration/IT-knowledge



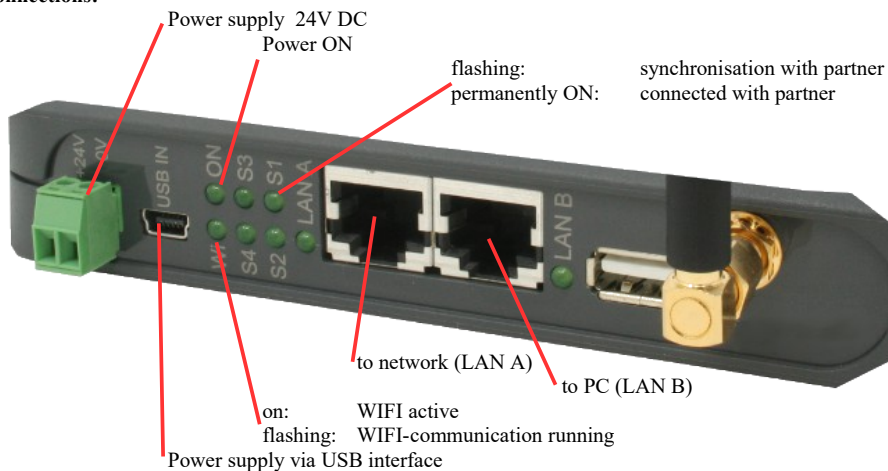
### 9354-CONNECT

#### Voltage connection :

Voltage: 24 V DC  $\pm$  20%

Power: 2W (also with USB-powerbank/-powercord/PC)

#### Connections:



### First commissioning :

- CONNECT-device creates WLAN network with SSID "CONNECT WIFI"
- with active DHCP master (laptop is automatically assigned an IP address)
- Connect laptop to this WiFi network and open with browser the webserver with IP: <http://192.168.1.1>:

or

LAN-cable in LAN\_A-port and open browser webserver with IP: <http://192.168.2.1>:

### 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 to specify some information about your device. The name and the password are optional.

device name:

device number:

device password:  

### internet configuration:

- CONNECT (uses the internet connection of the connected PC)

#### internet configuration

Next you have to configure how your device should establish a connection to the internet. Depending on the selected connection type different parameters are needed.

connection type:  CONNECT  
 GATEWAY  
 LTE

router interface:

PC interface:

- Gateway (uses own ip-address for internet connection)

**internet configuration**

Next you have to configure how your device should establish a connection to the internet. Depending on the selected connection type different parameters are needed.

connection type:  CONNECT  
 GATEWAY

router interface:

**IP settings**

IP configuration:  DHCP  
 manually

IP address:

subnet mask:

internet access:  gateway  
 proxy server

gateway address:

-

peripheral configuration:

- CONNECT + GATEWAY

**peripheral configuration**

Here you can select the interface and configure the addresses for the devices (e. g. from a PLC) who can communicate with the devices or the PC from the partner device. When using the connection type CONNECT this step is optional.

interface:

**devices**

IP addresses: +

IP address ranges: +  -

partner configuration:

**partner configuration**

In the last step you can specify to which of your other devices the current device should establish a connection automatically. A connection can also be established if necessary via the page "overview".

connection:  establish automatically

number:

password:

Explanation of parameters:

- |                   |   |
|-------------------|---|
| device name:      | Device name (max. 15 characters)  |
| device number:    | Device number (1-65535) for assigning the connection<br><b>(no double device numbers allowed, please note !)</b>                              |
| router interface: | Interface of the CONNECT to the Internet router<br>(depending on the Internet configuration, only sensible possible interfaces are displayed) |
| PC interface:     | Interface of the CONNECT to the internet-compatible PC  |

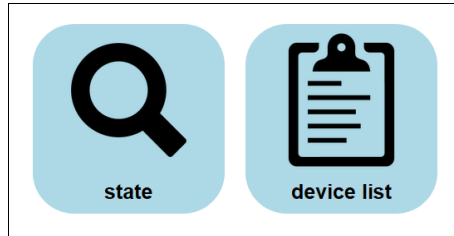
**Web interface (after first configuration):**

Open the CONNECT web interface by clicking "<http://192.168.1.1>" in your browser with an active WIFI-connection. Or connect your PC to the in the first-configuration specified PC-interface using a LAN-cable and enter "CONNECT" in the address-line of the browser.

Click on the 3 stripes in the top left to open the device menu :

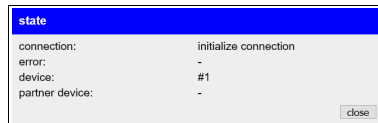
- Overview
- State
- Configuration
- Firmware update

Menu overview (overview of the device) :



The menu is divided into status and device list. Clicking on the respective area opens a corresponding window. All other menus are shown in this menu frame .

The status display shows parameters of the connection, error messages and information about the connected devices :



The Device list menu shows all devices available in your cloud. You can also establish and end connections to the other devices.

The status menu shows information about the IP / MAC addresses of the connection and information about the device:

<b>system</b>	device type: CONNECT LTE firmware version: 1.00 serial number: - customer ID: 815
<b>device</b>	name: - number: 1
<b>interfaces</b>	connection type: none
<b>LAN-A interface</b>	state: not connected MAC address: c4:93:00:0b:0c:78
<b>LAN-B interface</b>	state: not connected MAC address: c4:93:00:0b:0c:79
<b>WLAN interface</b>	state: connected MAC address: c4:93:00:0b:0c:77 BSSID: - SSID: CONNECT WIFI channel: 1 signal: - IP address: 192.168.1.1 subnet mask: 255.255.255.0 gateway: - DNS server: -
<b>USB-LAN interface</b>	state: connected MAC address: 00:0e:c6:b2:ed:2f IP address: 192.168.0.1 subnet mask: 255.255.255.0 gateway: - DNS server: -

In the Configuration menu, the expert configuration will be carried out differently from the quick commissioning of the device. For example, you can set the DHCP mode, set IP addresses, and carry out the basic configuration of the device again.

**system**

device family: CONNECT  
 device type:  CONNECT  
 CONNECT LTE  
 serial number:   
 customer number: 815   
 server address: 93.240.109.115   
 server port: 443

**access protection**

current config password:

**config password**

change password:  change password  
 new password:   
 repeat new password:

**general**

restart:   
 default settings:   
 factory default:   
 support request:

**device**

name:   
 number: 1   
 password:

**partner device**

connection:  establish automatically  
 number: 1   
 password:

**interfaces**

none  
 CONNECT  
 GATEWAY  
 LTE

**LAN-A settings**

MAC address: c4:93:00:0b:0c:78  
 DHCP mode:   
 IP address:   
 subnet mask:   
 gateway:   
 DNS server:

**LAN-B settings**

MAC address: c4:93:00:0b:0c:79  
 DHCP mode:   
 IP address:   
 subnet mask:   
 gateway:   
 DNS server:

**WLAN settings**

deactivate WLAN:  deactivate WLAN  
 MAC address: c4:93:00:0b:0c:77  
 DHCP mode: DHCP server   
 IP address: 192.168.1.1   
 subnet mask: 255.255.255.0   
 gateway:   
 DNS server:

search:   
 mode: Access Point (AP)   
 SSID: CONNECT.WIFI   
 security type: open   
 password:   
 hide SSID:  hide SSID  
 channel: 1

**USB-LAN settings**

MAC address: 00:0e:c6:b2:ed:2f  
 DHCP mode: DHCP server   
 IP address: 192.168.0.1   
 subnet mask: 255.255.255.0   
 gateway:   
 DNS server:

In the Firmware Update menu, the firmware of the CONNECT-device is updated.

**firmware update**

device version: 1.00  
 firmware file:  Keine Datei ausgewählt.

To do this, download the current firmware file to your PC from the product page. With Browse you select this file and accept it. The file name is displayed in the user interface for checking. By clicking Update firmware, the firmware file is loaded into the device and burned to the flash memory after a positive check. The device then restarts.

You can find more about the product and the current device manual on the product page of the CONNECT-device.

**Menutree Website:**

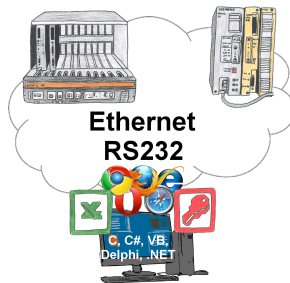
- + Products / docu / downloads
- + Hardware
- + Remote maintenance
- + S5
- + Internet
- + CONNECT devices
- + CONNECT-Remote-Access

**QR-Code Website:**



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

Communication-driver for S5-PLC



S5-PLCs and you need data in your PC or production planning system?

The S5-communication-drivers connect the office-world with the control-world. Be it classic with a serial-port of the PC up to communication over the network. Thanks to additional adapters (such as S5-LAN++), controllers without a LAN connection can be connected to the network. Nothing stands in the way of communication with an IP-address. On your PC for Windows as a DLL-file, for Linux as an object, you have tools where you can access the data of the controls by calling up functions such as "ReadBlock" or "WriteFlag". Tie for e.g. the DLL into your project and your application already has PLC-access or simply access the data with Excel and process it in Excel.