**20003101**

SN

SH BUS

**Home**
Comelit

**SERIAL BRIDGE**

SD CARD EJECT
NETW. RESET
TOTAL RESET

RS232 / 485

POWER / STATUS

C€

ON
1 2 3 4 5 6

# Technical manual for programming Serial Bridge Art. 20003101

**Comelit®**
Passion and Innovation

**INDEX**

## Accessing the device for the first time

The factory setting for the device IP address is **192.168.1.252.**

√ **Your PC must therefore be configured with an IP (code identifying a device connected to a network) which is part of the subnetwork, i.e. with an address between 192.168.1.1 and 192.168.1.254.**

IP address:    192 . 168 . 1 . 2

**the last value must be between 1 and 254**
**excluding: 252 (assigned to serial bridge Art. 20003101) and the values already assigned to other devices connected to the network**
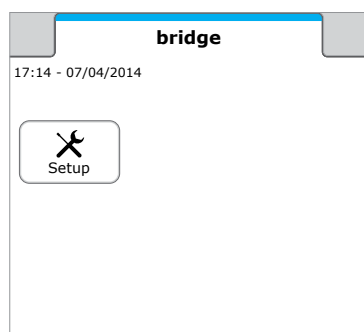
To access the WEB interface:

1. Power up the device and connect it to the local network using a LAN cable.

2. Open the browser.

3. Enter the address **http://192.168.1.252** in the address bar and press enter.

To access the Setup section, press the button and enter the user password (default = 111111) (see chapter "SETUP / ADVANCED / USER AND INSTALLER CODE" to set a new password).

**CAUTION: To configure outputs, home automation modules... see the technical manual for the SimpleHome system, which is available on the website www.comelitgroup.com.**
**To import the home automation settings from SimpleHome configuration software via SD Card, see the chapter Setup / Advanced / Update configurations.**
**Alarm system configurations are acquired via the Bridge, directly from the anti-intrusion BUS (for VEDO control units). To configure intrusion areas and intrusion zones using Safe Manager, see the technical manual for programming VEDO series alarm control units, which is available on the website www.comelitgtoup.com.**
**Once module configuration is complete, we recommend making an exact copy of the entire contents of the SD card and archiving the information.**

## Description of the interface
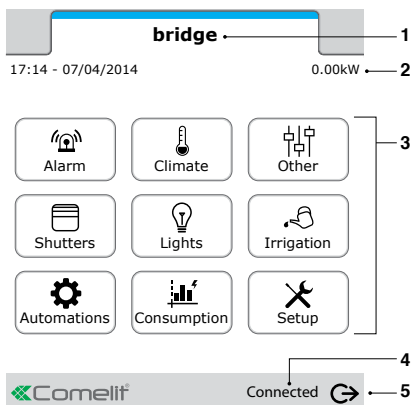


1. Current page header.
2. "Date and consumption" toolbar.
3. Buttons for accessing the internal pages used to view and control the available functions and to configure the device.
4. Connection and authentication status message (connected, not authenticated, not authorised...).
5. Logout button.

▶ Press Alarm/Climate/Other.... to access the respective sections.

▶ Press [⊞] to return to the initial screen.

▶ Press [↵] to return to the previous screen.

## Reset

The reset button can be used to: safely disconnect the SD card, restore the network information and restore the factory settings.

| | | |
|---|---|---|
| **SD CARD EJECT**<br>**Disconnect the SD card** | 1. Press and hold the Reset button for 2 seconds.<br>2. When the POWER/STATUS LED flashes more quickly, remove the SD card from the slot. | <br>2 sec.    speed 1 |
| **NETW RESET**<br>**Restore the factory settings** | 1. Press and hold the Reset button for 5 seconds.<br>2. When the POWER/STATUS LED flashes even more quickly, the network settings will be restored to the factory values and the device will restart automatically with the IP address 192.168.1.252. | <br>5 sec.    speed 2 |
| **TOTAL RESET**<br>**Restore the factory settings on the device** | 1. Press and hold the Reset button for 10 seconds.<br>2. When the POWER/STATUS LED flashes at maximum speed, the factory settings will be restored and the device will restart automatically with the factory settings in place. | <br>10 sec.    speed 3 |

⚠ **CAUTION: ALWAYS disconnect the SD CARD before removing it.**

**CAUTION: The SD CARD must be inserted during the network and factory settings reset.**
**Once the network and factory settings reset is complete, you must wait for the device to restart.**
**When the total reset procedure is carried out, all system configurations saved previously will be deleted.**

## Setup
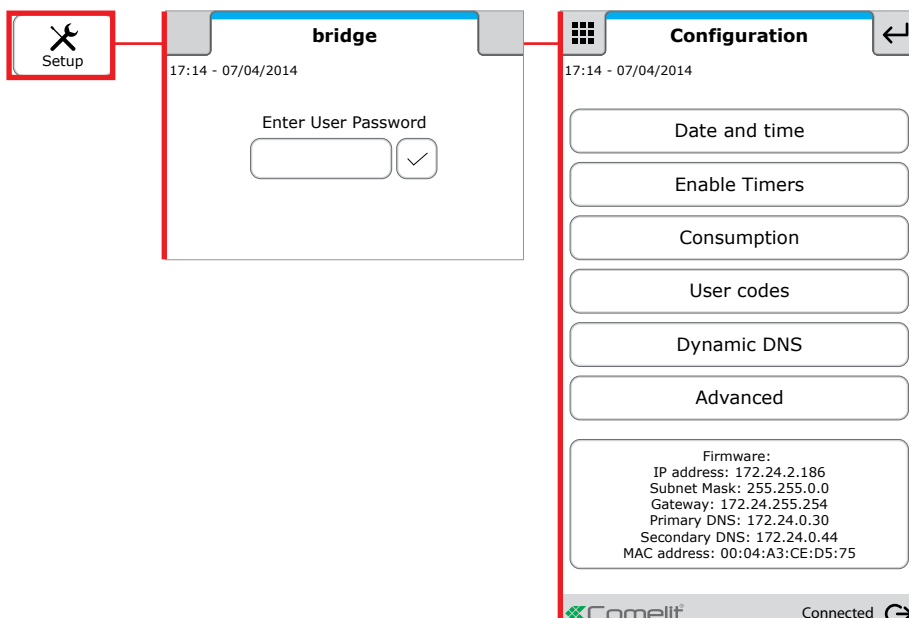


This menu can be used to configure the date and time, enable timers (configured via Setup/ Advanced), set consumption setpoints and rates, change the user code, set a dynamic DNS address and access advanced settings.

1. Press Setup to access the menu.
2. Enter the user password (default = 111111) and confirm.
3. Select the menu entry you want to configure.

Setup / **Date and time**

### Date and time

| | |
|---|---|
| ☰ | **Date and time** ↵ |

**Date and time**

| Date and time | DD/MM/YYYY | 14/04/2014 |
| | HH:MM | 10:01 |

Enable NTP (automatic time/date from Internet) ☑

Time difference  (GMT +1:00) Rome, Brussels. Copenhag ⇕

Automatic switch to DST
  Automatic (Europe only) ⇕

**Astronomical dawn/dusk device**

Sunrise: 06:34 - Sunset: 20:05

Use the stop as a decimal point

| Latitude: | 45.8782 | N |
| Longitude: | 9.9746 | E |

| Sunrise variation: | 0min ⇕ |
| Sunset variation: | 0min ⇕ |

Save

---

*This menu can be used to set the device Date and time, as well as the Astronomical dawn/dusk device.*

## Date and time

**Date and time:** the values can only be changed when enable NTP is deactivated.

**Enable NTP (automatic time/date from Internet)**: enables automatic updating of date and time via the web. Only works if the bridge is connected to the Internet.

**Time difference:** select the reference time difference.

**Automatic switch to DST**: select "Automatic (Europe only)" to set the automatic switch to DST.
**(only with enable NTP active)**    select "Specify date" to specify the time interval in which DST is applied.

| Automatic switch to DST | | |
| Specify date | | ⇕ |
| From: | 15 | / | 3 |
| To: | 15 | / | 9 |

## Astronomical dawn/dusk device

*Sends commands at sunset and sunrise (see Setup/Advanced/**Rules**), according to the latitude and longitude of the installation site (to avoid installation of external dawn/dusk devices).*

**Latitude / Longitude:** set the relevant coordinates for automatic updating of the dawn/dusk clock.

**Sunrise variation / Sunset variation:** adjust these values to bring the sunrise and sunset times forward or set them back.

For example: if you want to switch on the outside lights at sunset, leave the sunset variation at 0. If you want to switch them off 2 hours before sunrise, set the sunrise variation to -120 min.

---

Setup / **Timer enabling**

### Enable Timers

| | |
|---|---|
| ☰ | **Enable Timers** ↵ |

**"Day" timer**

| Timer number: | 2 - Day ⇕ |

Timer enabling: ☑

| Timer start: | HH:MM | 00:00 |

| Enabled days: | ☑Mo ☑Tu ☑We |
| | ☑Th ☑Fr ☑Sa ☑Su |

| Timer End: | HH:MM | 00:00 |

| Enabled days: | ☑Mo ☑Tu ☑We |
| | ☑Th ☑Fr ☑Sa ☑Su |

Save

---

*This menu can be used to activate/deactivate the programmed timers (see Setup/Advanced/**Timers**) and change timer operating times/days.*

**Timer number**: select the timer you want to activate *(programmed via Setup/Advanced/**Timers**)*.

**Timer enabling**: enables the selected timer.

**Timer start**: timer start time. The timer start times can be changed.

**Enabled days**: days on which the timer will be started. The timer operating days can be changed.

**N.B.: with the "virtual timer", the "Timer end" times can also be changed.**
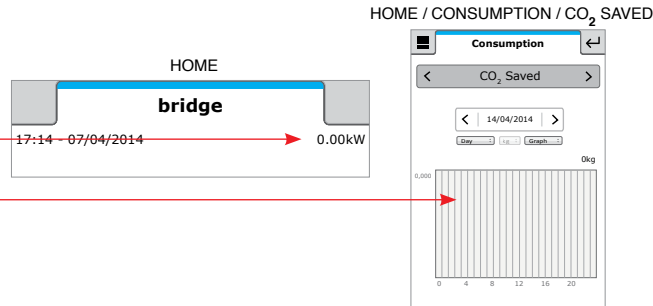
---

### Consumption

- Display
- Thresholds
- Rates
- Settings
- Reset

Toolbar: None
Currency: €
CO2 constant: 0.53100 kg/kWh

Save

This menu can be used to view the power measured by the load modules or pulse meter to as a production or consumption value, change the maximum consumption setpoints by hour, day, month or year; change the rates by day and time band.

**Toolbar:** select which meter to monitor via the toolbar on the homepage.

**Currency:** enter the currency symbol you want to set for calculating consumption.

**CO2 constant:** enter the CO2 constant to monitor the CO2 not released into the atmosphere, in the case of energy production systems (photovoltaic systems...). The **"$CO_2$ Saved"** graph can be viewed via Home/**Consumption**.

HOME / CONSUMPTION / $CO_2$ SAVED

HOME

**bridge**

17:14 - 07/04/2014        0.00kW

Consumption

$CO_2$ Saved

14/04/2014

Day    | | Graph

0kg

0,000

0    4    8    12    16    20

---

Setup / Consumption / **Display**

### Display meters

Description:                Visibility

| Electricity | ☑ |
| Gas | ☑ |
| Water | ☑ |
| Input 2 | ☑ |
| Input 3 | ☑ |

Save

This menu can be used to rename the meters connected to the system and select the meters that you wish to view in the consumption menu area.

**Description:** description associated with the meter.
**Visibility:** makes the meter in the consumption menu visible.

---

Setup / Consumption / **Setpoints**

### Setpoints

**"Consumption" setpoints**

| Meter: | consumption | |
| Time | 0.00000 | kWh |
| Day | 0.00000 | kWh |
| Month | 0.00000 | kWh |
| Year | 0.00000 | kWh |

Save

This menu can be used to set the **maximum consumption setpoints for hours, days, months and years** in order to obtain an immediate visual comparison on the graph and in the consumption table when the set setpoint for the period is exceeded (Yellow = 75% of the set threshold, Red = 100% of the set setpoint).

**Meter:** select the meter for which you want to set the setpoints.

**Time/Month/day/Year:** set the maximum consumption setpoint for the corresponding time interval.

Rate: "Electricity production"

| Meter: | Elect. consumption |
| --- | --- |

| Rates | | |
| --- | --- | --- |
| 1 | 0.09800 | €/kWh |
| 2 | 0.00000 | €/kWh |
| 3 | 0.00000 | €/kWh |
| 4 | 0.00000 | €/kWh |
| 5 | 0.00000 | €/kWh |

Time slot:   Select a rate

| Start: | End | Mon | Tue | Wed | Thur | Fri | Sat | Sun |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 6 | 1 | 1 | 1 | 1 | 2 | 2 |
| 6 | 20 | 1 | 1 | 1 | 1 | 2 | 2 |
| 20 | 24 | 2 | 2 | 2 | 2 | 2 | 2 |

Save

This menu can be used to set the meter rates according to time bands. The information will then be used to construct the consumption graphs in the Consumption menu (Home/**Consumption**).

1.  **Meter:** select the meter for which you want to set the setpoints, for example: "Elect. consumption".
2.  **Rates:** set the rates according to time.
3.  **Time slot:** set the start and end of each time band, and associate the time bands with the corresponding rate for every day of the week.

⚠ CAUTION: daily rate programming must refer to the whole 24-hour cycle; any hours not programmed by the user will be set by the system automatically.

Settings

"GAS" settings

| Meter: | GAS |
| --- | --- |
| Unit of measurement: | mc |
| Scale factor: | 1.00000 |

Save

This menu can be used to view the settings for the pulse meter module used to measure water, GAS, etc...).

**Meter:** select the meter for which you want to change the settings.

**Unit of measurement:** enter the unit of measurement for that meter.

**Scale factor:** enter a multiplication factor if you want to convert different units of measurement (for example: from litres to imperial gallons, 4.54609).

Reset count

17:14 - 07/04/2014

Reset meters: are you sure?

No   Yes

This menu can be used to reset all meters.

▶   Press **"Yes"** to reset all meters.

See "Home automation login" in "Setup / Advanced / **User and installer code**".

Dynamic DNS

DNS client not enabled

| Enable DDNS service: | ☑ |
| --- | --- |
| DNS service: | ComelitDNS (www.comelitdns.com) |

Comelit DNS registration:

| DDNS code: | 0004A3CED575 |
| --- | --- |
| Activation code: | C557E350907E74A2 |

Username
(indicate service access username)

Password
(indicate service access password)

Host (indicate dns name)

Save

✕Comelit   Connected ⏻

This menu can be used to associate a dominion name (for remote connection) with the public IP address of the Serial Bridge Art. 20003101.

1.  **Enable DDNS service:** tick this option to enable the DNS service.
2.  **DNS service:** select, for example, **Comelit DNS** to use the free Comelit service.
3.  Press "Comelit DNS registration" and complete user registration (making a note of the data entered) on the website **www.comelitdns.com** to which you are automatically directed.

    ⚠  You must be connected to the Internet to carry out this procedure.

**User registration**

| Hostname | myhostname | .comelitdns.com |
| --- | --- | --- |
| Email address | user@comelit.it | |
| Password | •••••••• | |
| Confirm password | •••••••• | |

☑ I have read the terms and conditions of service.

4.  Press ▶ to register the product. A confirmation email will be sent to the email address entered during the "user registration" process; follow the instructions in the message to complete the activation procedure.
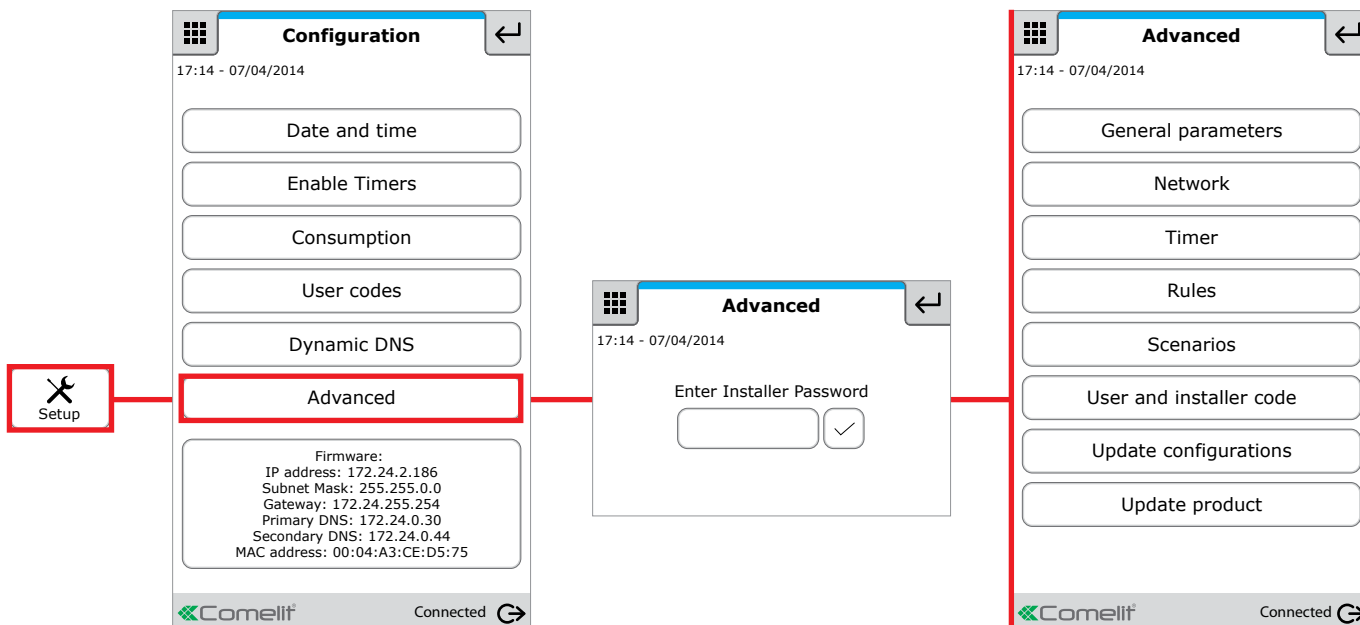5.  Return to the Serial Bridge WEB page and enter the email address used for registration, the password and the submitted hostname in the "Username", "Password" and "Host" fields.

The advanced settings can be used to configure: the general parameters, network settings, timers, rules, scenarios and user and installer codes, as well as updating the configurations and the product itself.
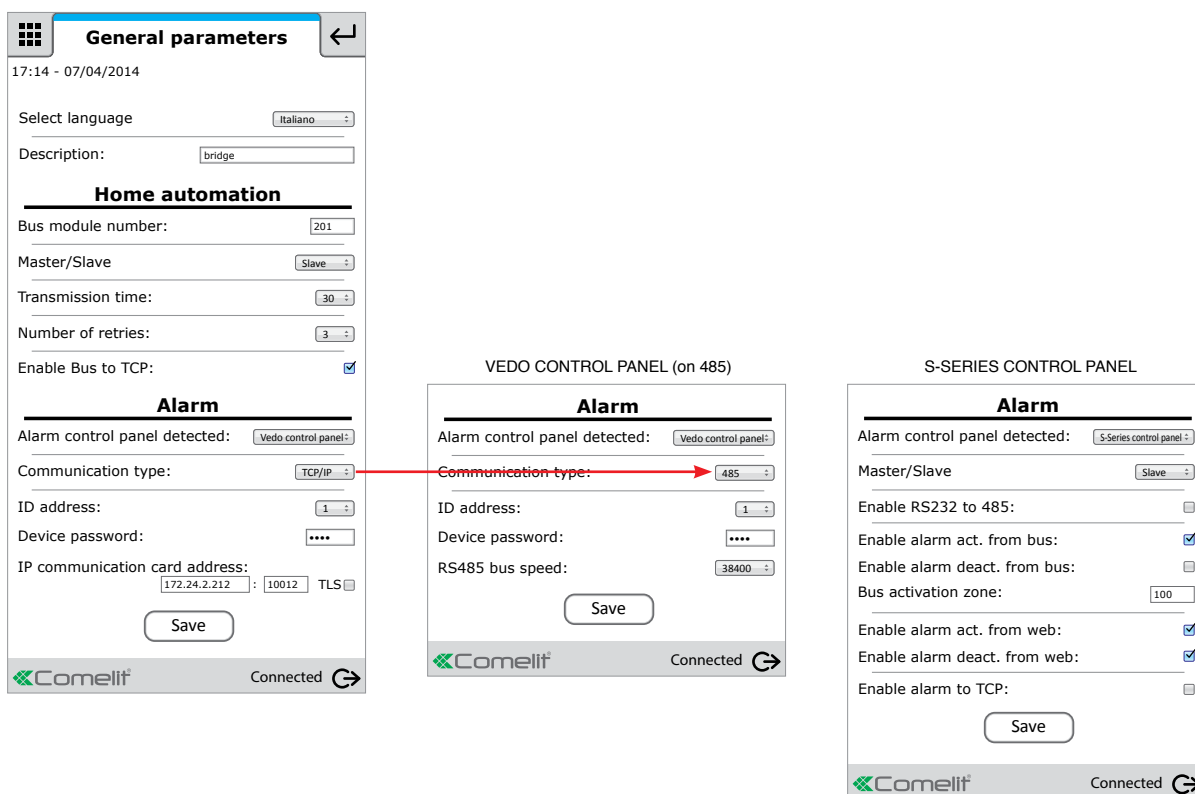
To access the advanced settings:

1. From the home screen, select Setup/**Advanced.**
2. Enter the installer password (default = 001961).
3. Select the menu entry you want to set.

**Configuration**

17:14 - 07/04/2014

Date and time

Enable Timers

Consumption

User codes

Dynamic DNS

Advanced

Firmware:
IP address: 172.24.2.186
Subnet Mask: 255.255.0.0
Gateway: 172.24.255.254
Primary DNS: 172.24.0.30
Secondary DNS: 172.24.0.44
MAC address: 00:04:A3:CE:D5:75

Connected

Setup

**Advanced**

17:14 - 07/04/2014

Enter Installer Password

**Advanced**

17:14 - 07/04/2014

General parameters

Network

Timer

Rules

Scenarios

User and installer code

Update configurations

Update product

Connected

Setup / Advanced / **General Parameters**

This menu can be used to configure the general device settings: the language, identification name and configuration parameters of the home automation and alarm system.

**General parameters**

17:14 - 07/04/2014

Select language                           Italiano

Description:                              bridge

**Home automation**

Bus module number:                        201

Master/Slave                              Slave

Transmission time:                        30

Number of retries:                        3

Enable Bus to TCP:                        ☑

**Alarm**

Alarm control panel detected:    Vedo control panel

Communication type:              TCP/IP

ID address:                              1

Device password:                         ••••

IP communication card address:
172.24.2.212  :  10012   TLS ☐

Save

Connected

VEDO CONTROL PANEL (on 485)

**Alarm**

Alarm control panel detected:    Vedo control panel

Communication type:              485

ID address:                              1

Device password:                         ••••

RS485 bus speed:                   38400

Save

Connected

S-SERIES CONTROL PANEL

**Alarm**

Alarm control panel detected:   S-Series control panel

Master/Slave                              Slave

Enable RS232 to 485:                      ☐

Enable alarm act. from bus:               ☑

Enable alarm deact. from bus:             ☐

Bus activation zone:                      100

Enable alarm act. from web:               ☑

Enable alarm deact. from web:             ☑

Enable alarm to TCP:                      ☐

Save

Connected

**Select language**: *select the menu language.*

**Description:** *identification name of art. 20003101. Appears on the web page home screen.*

## Home automation

**BUS module number:** *number identifying the module on the home automation BUS. It can be used to send "Supervisor commands" over the BUS which can activate scenarios on other supervisors (Planux Manager, etc...).*

**Master/Slave:** *the type of operation must be set on all supervisors within the system for system management. MASTER must only be selected on one of the supervisors within the system, while all the remaining supervisors must be set as SLAVE. By supervisor we mean Planux Manager, Minitouch, Touch screen, Serial Bridge, etc...*

**Polling time (Master only):** *can be used to force module interrogation to maintain system alignment (we recommend setting a high time value so as not to cause traffic on the BUS).*

**Transmission time:** *the transmission time determines the speed with which the commands are sent over the data line. The higher the value, the greater the time between sending one command and the next.*
*E.g.: Supposing we have 5 lights in one area and we send the switch-on command to all of them.*
*• If the value is set to 2, 2 tenths of a second will pass between one light switching on and the next.*
*• If the value is set to 6, 6 tenths of a second will pass between one light switching on and the next.*

**Number of retries:** *indicates the number of command re-transmissions in the event that the module under control does not respond.*

**Enable Bus to TCP:** *enables the serial bridge for operation as a converter between SimpleHome BUS and the LAN with TCP/IP protocol. This function is used by the supervisors, in order to send commands over the home automation BUS via the LAN, or to program home automation modules using the SimpleHome configuration software on a PC connected to the LAN. The port to set on the programming software is 10011.*

## Alarm

**Alarm control panel detected:** *specify whether the system has an alarm control panel which should communicate with the serial bridge (none / VEDO control panel / S-Series control panel).*

### VEDO control panel *(parameters to be set as configured via Safe Manager)*

**Communication type:** *select the type of communication protocol (TCP/IP or 485).*

**ID address:** *select the device identification number. This corresponds to the BUS address set on the device (via Safe Manager).*

**Device password:** *enter the password associated with the device (default 0).*

**IP communication card IP address:** *IP address of the control panel card, control panel port and TLS (TCP/IP communication protocol only).*

**485 BUS speed:** *select the RS485 communication BUS speed (485 communication protocol only). The standard speed of VEDO control panels is 38400 baud.*

### S-Series control panel

**Master/Slave**: *the type of operation must be set on all supervisors within the system for system management. MASTER must only be selected on one of the supervisors within the system, while all the remaining supervisors must be set as SLAVE. By supervisor we mean Planux Manager, Minitouch, Touch screen, Serial Bridge, etc...*

**Enable RS232 to 485:** *enables the serial bridge for operation as an RS232/RS485 converter. CAUTION: this function is only active if terminals V+ and V- have a voltage setting of +12 Vdc to +13.8 Vdc.*

**Enable alarm act. from BUS**: *enables the option of alarm system activation by means of a command over the home automation BUS.*

**Enable alarm deact. from BUS:** *enables the option of alarm system deactivation by means of a command over the home automation BUS.*

**BUS activation zone:** *this zone, if the option "Enable alarm activation from BUS" or "Enable alarm deactivation from BUS" is enabled, means the anti-intrusion system can be activated or deactivated with a command made directly from the BUS. If the pre-set value (100) is not changed, the entire system can be activated with a SET command for ZONE 100 or deactivated with a RESET command for zone 100. It is also possible to activate individual alarm control panel zones by means of zone commands, by adding the number of the control panel area you wish to control to the set number. For example, if you want to activate alarm control panel area 3, you need to send a SET command to zone 103 (100+3), or a RESET command to zone 103 to deactivate control panel area 3.*

**Enable alarm act. from WEB**: *enables the option of alarm system activation via the serial bridge WEB page.*

**Enable alarm deact. from WEB**: *enables the option of alarm system deactivation via the serial bridge WEB page.*

**Enable Alarm to TCP**: *enables the serial bridge for operation as a converter between the RS232 serial port on the alarm control unit and the LAN. For operation in this mode, port 10012 must be used on the IP address of the Serial Bridge.*

**Network configuration**

17:14 - 07/04/2014

| | |
|---|---|
| Host Name: | SAM |
| Enable DHCP: | ☐ |
| IP address: | 192.168.1.252 |
| Gateway: | 192.168.1.1 |
| Subnet Mask: | 255.255.255.0 |
| Primary DNS: | 192.168.1.1 |
| Secondary DNS: | 192.168.1.1 |
| HTTP port: | 80 |
| HTTPS port: | 443 |

Save

Connected

*This menu can be used to configure all device network parameters.*

**Host Name:** name identifying the device within the local network.

**Enable DHCP:** enable protocol for dynamic configuration of the device IP address.

**IP address:** address identifying the bridge within the network (default = **192.168.1.252**).

**Gateway:** IP address of the router to which the device is connected (provided in the router user manual).

**Subnet Mask:** (255.255.255.0).

**Primary DNS / Secondary DNS:** server address for the translation of host names into IP addresses. Set the primary DNS as the IP address of your router. Leave the secondary DNS field empty.

**HTTP port:** *web access port (default = 80).*

**HTTPS port:** *secure web access port (default = 443).*

⚠ **CAUTION: Incorrect settings could cause the screen to disappear.**
**If you change the IP address of the Serial Bridge, configure your PC with an IP address which is part of its subnetwork (to access web pages locally) and remember to enter the new address in the address bar of your browser.**
**Valid DNS addresses must be entered in the Primary and Secondary DNS fields for the device to work properly.**
**We recommend that the "Enable DHCP" command is not selected, so that the Serial Bridge has a fixed IP address and can therefore always be reached.**
**For remote access, open the HTTP port or the HTTPS port on your router (see the port forwarding procedure below).**

**Port forwarding for remote connection**

1. Connect the PC to the router to which the Serial Bridge Art. 20003101 is connected.
2. Access the browser and enter the IP address of the router (this can be found in the router user manual) in the navigation bar, for example: 192.168.1.1
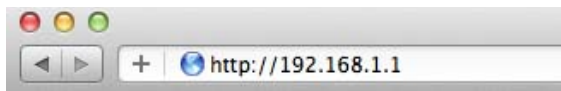


3. Log in by entering the username and password (these can be found in the router user manual).

⚠ **The port configuration method may differ according to the brand and type of router used**

4. Search for the sections "Port Opening" or "Apps and games" or "Port Forwarding" (if not displayed on the main menu, search for them in Advanced settings) and add the ports you wish to configure.

5. Fill in the configuration panel (see example in the figure below):
   a. Enter the name of the application.
   b. Select TCP protocol.
   c. For the external port, enter the value* which identifies the HTTP port (e.g. 80) or HTTPS (e.g. 443). Enter the same value in Start and End to open a single port.
   d. For the internal port, enter the value* which identifies the HTTP port (e.g. 80) or HTTPS (e.g. 443). Enter the same value in Start and End to open a single port.
   e. Enter the Serial Bridge IP address **192.168.1.252.**
   f. Confirm.

   * Open the HTTP (for web access) or HTTPS (for secure web access) port by setting the parameters used in the "Network configuration" of the Serial Bridge.
   If remote connection does not work, try changing the address of the ports to one of the following: 8080 (to open the HTTP port) or 8443 (to open the HTTPS port).



**Ports - Custom Services**

Apply ▶   ✕ Cancel

| | |
|---|---|
| Service Name | Web Server Bridge |
| Service Type | TCP ⬍ |
| External Starting Port | 80 (1~65535) |
| External Ending Port | 80 (1~65535) |
| ☑ Use the same port range for Internal port | |
| Internal Starting Port | 80 (1~65535) |
| Internal Ending Port | 80 |
| Internal IP address | 192 . 168 . 1 . 252 |

### Timer

Timer number: 1 -
Description:

○ Timer   ○ Virtual

Timer enabling:
Enabling zone association: 0

Timer start: HH:MM 00:00
Enabled days: ☐ Mo ☐ Tu ☐ We
☐ Th ☐ Fr ☐ Sa ☐ Su

Recipient: None

**Save**

### Timers

Timer number: 1 -
Description:

○ Timers  ○ Virtual

Timer enabling:
Enabling zone association: 0

Timer start: HH:MM 00:00
Enabled days: ☐ Mo ☐ Tu ☐ We
☐ Th ☐ Fr ☐ Sa ☐ Su

Timer End: HH:MM 00:00
Enabled days: ☐ Mo ☐ Tu ☐ We
☐ Th ☐ Fr ☐ Sa ☐ Su

**Save**

*From this menu it is possible to set:*
*· **a timer** for executing a command over the BUS.*
*· **a virtual timer** to define a time range for executing a rule (see Setup/Advanced/**Rules**).*

**Timer number**: number identifying the timer. Up to 32 timers can be entered.

**Timer description**: description associated with the timer.

**Timer**: select if you wish to set a timer to transmit commands over the BUS in order to control other modules or systems.

**Virtual**: select if you wish to set a virtual timer to carry out actions exclusively within the set time band. The virtual timer can be used from the Rules menu.

**Timer enabling**: tick the option to activate the timer.

**Enabling zone association**: a zone number can be associated with a timer in order to enable or disable the latter, for example using a button connected to the home automation BUS set as a zone command.

**Timer start**: times at which the timer will be started.

**Timer end (virtual timer only)**: times at which the timer will be deactivated.

**Enabled days**: days on which the timer will be started.

**Recipient**: select what will be controlled by the timer (see page 10 "Recipient definition").

---

## Recipient definition

Recipient Zone
Zone: 0
Command: Dimmer

35%

**Save**

*In timers, rules and scenarios the **"Recipient"** field defines what is controlled by the timer, the rule or the scenario.*

**Element on Bridge:** select the type of output (lights, automations...) you want to control, the element on the bridge and the type of command (*) (or speed in the case of the "climate" output) you wish to transmit.

**Supervisor**: select the supervisor input number.

**Scenario**: select the number of the scenario you wish to transmit.

**Module + output**: select the module number, the module output number and the type of command (*) you wish to transmit.

**Zone**: select the zone number and the type of command (*) you wish to transmit.

**VEDO control panel/S-series control panel:** select the area number and the type of command you wish to transmit.

(*)
If the command type is "rule" or "dimmer": move the slider [1] to set the desired intensity.

If the command type is "RGB":
► Click the on the colour bar [2] and select the desired tone on the colour spectrum [3].
► Move the slider to set the desired intensity [4].

Command: Dimmer
1

35%

**Save**

Command: RGB
4
2
3

**Rules**

Rule number: 1 - RULE TEST
Description: RULE TEST
Rule enabling: ☑

**Element 1**

Element type: Timer
1-
Element status: Active
Relationship: AND

**Element 2**

Element type: Timer
1-
Element status: Active
Relationship: END

**True condition**

Recipient: Scenario
1 -

**False condition**

Recipient: Scenario
2 -

Save

*The rules allow the association of up to 3 anti-intrusion system elements in order to trigger an event that can send commands over both systems. For example, it is possible to switch on a timed light if an alarm control unit input is opened (when a volumetric sensor enters alarm mode) only if an alarm control unit area has been activated.*

**Rule number**: number identifying the rule. Up to 50 rules can be entered.

**Description:** description associated with the rule.

**Rule enabling:** tick the option to activate the rule.

## Element 1/2/3

**Element type**: enter the element to be supervised for the implementation of the rule with the corresponding module number, area number, etc...

- **OFF (default)**
- **Element on Bridge**
- **SimpleHome BUS input**
- **SimpleHome BUS output**
- **Timer** (see Setup/Advanced/Timers)
- **Rule** (see Setup/Advanced/Rules)
- **Astronomical dawn/dusk device** (see Setup/Date and time)
- **Intrusion zone**
- **Intrusion zone deactivated**
- **Intrusion zone activated**
- **Area in alarm**
- **Area in entrance delay**
- **Area in exit delay**

⚠ **CAUTION:** if you select "SimpleHome BUS input", the ON/OFF status of a home automation module can be entered in the rule. This input must be set in the programming software as a supervisor input.

⚠ **CAUTION:** if you select "Element on Bridge", you will be able to enter one of the elements that can be controlled from the areas available on the home screen in the rule: Lights, Other, Automations, Climate, Irrigation, Shutters.

**Element status:** condition to be checked.

**Relationship**: up to 3 elements can be linked in one rule. After entering an element, select AND or OR to move onto the next elements. Select END to close the condition.

## True / false condition

**Recipient:** select what will be controlled at the end of condition checking (see page 10 "Recipient definition").

**Scenarios**

Scenario number: 1-
Description:
Visible: ☐

Element number: 1

Recipient: None

Save

*Up to 32 scenarios can be programmed with 20 elements each, sending commands over the automation or anti-intrusion system.*

**Scenario number**: number identifying the scenario.

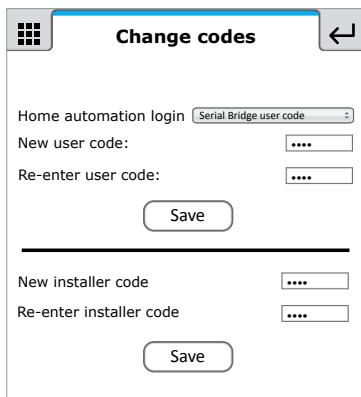**Description:** description associated with the scenario.

**Visible:** tick this option to make the scenario visible on the home/scenarios screen.

**Element number**: Enter the scenario element number. After programming an element, save the configuration and move on to the next element.

**Recipient**: select what will be controlled (see page 10 "Recipient definition").

⚠ **CAUTION: several scenarios can be linked together by adding a second previously saved scenario as an element.**

**Change codes**

Home automation login  Serial Bridge user code

New user code:  ....

Re-enter user code:  ....

Save

New installer code  ....

Re-enter installer code  ....

Save

This menu can be used to change both the user code and the installer code.

√ **The code can consist of letters a-z (capitals or lower case) and/or digits 0-9.**
√ **The password is case-sensitive (a difference is detected between capitals and lower case letters).**
√ **Min. length 4 characters - Max. 10 characters.**

**Home automation login:** the drop-down menu can be used to set the "Home automation login" as:

| S-series control panels | VEDO control panels |
|---|---|
| **no user code (default):** to access all "user sections" (except SetUp and Alarms) without entering the user password. A user password should nevertheless be set for accessing the Setup and Alarms sections. | **no user code (default):** to access all "user sections" (except SetUp and Alarms) without entering the user password. It is nevertheless necessary to know the "VEDO control panel user code" (configured via Safe Manager*) in order to access the "Alarms" section and set a password for accessing the Setup section. |
| **serial bridge user code:** to access all "user sections". | **serial bridge user code:** to access all "user sections" (except Alarms). It is nevertheless necessary to know the "VEDO control panel user code" (configured via Safe Manager*) in order to access the "Alarms" section. |
|  | **VEDO control panel user code:** to access all "user sections" using the VEDO user code (configured via Safe Manager*). |

\* default 111111

▶ To set a new user code, enter a new password and press "Save".

To access the Advanced Setup section, you need to enter the installer code (default = 001961).

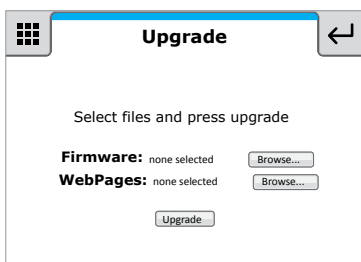▶ To set a new installer code, enter a new password and press "Save".

1. Import the settings to SD card using the SimpleHome configuration software.
2. Insert the SD card in the relevant slot.
3. From Setup/Advanced, select **"Update configurations".**
4. Press **"Yes"** and wait for the configurations to load.
5. If you want to return to the home screen, enter the address **http://192.168.1.252 (or the IP address set in network parameters)** in the address bar again and press enter.

**Update configurations**

17:14 - 07/04/2014

Are you sure you want to reload configurations from SD?

No  Yes
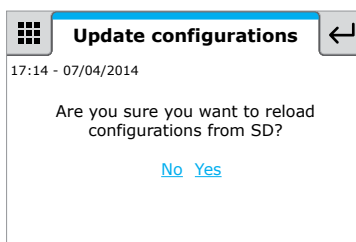
⚠ **The configuration updating procedure does not store data relating to consumption settings, and for this reason this information must be re-entered (setpoints, rates, toolbars, etc...).**

**Upgrade**

Select files and press upgrade

**Firmware:** none selected  Browse...
**WebPages:** none selected  Browse...

Upgrade

*This menu offers access to Serial Bridge software upgrades.*

▶ To update the Firmware press "Browse" and search for the file with extension **.cfbl**
▶ To update the WebPages press "Browse" and search for the file with extension **.bin**
▶ Press "Upgrade" to begin updating and wait for the confirmation message.

⚠ **CAUTION: the version number of the loaded files must match.**
For example: **"X.X"** "firmware_20003101_**X.X**.cfbl" and "webpages_20003101_**X.X**.bin".