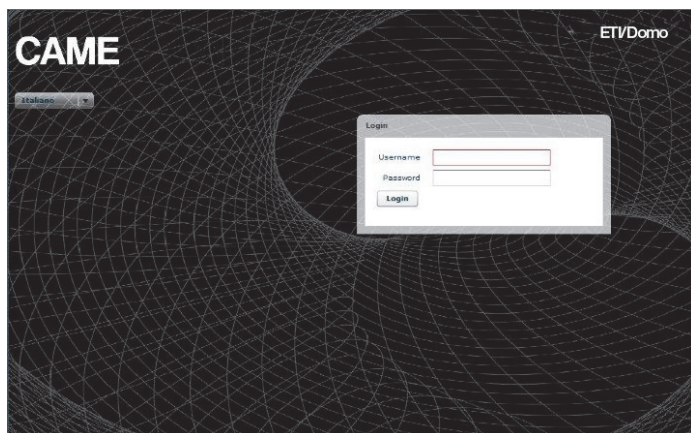


CE

CAME

FA00158-EN



Configuration Manual ETI/DOMO

EN

English



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PC Setup

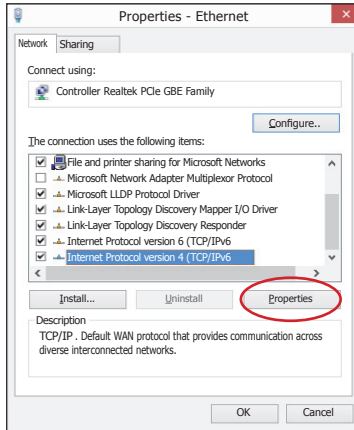
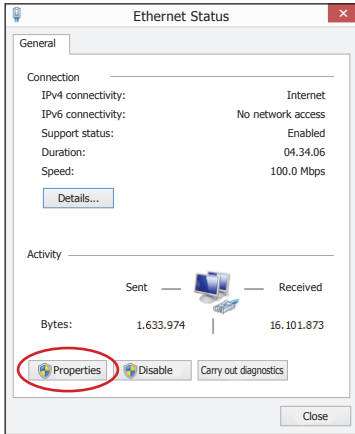
Before proceeding with the full system setup, it is necessary to set up the PC so that it is ready to interface correctly with the ETI/DOMO server when connected.

The PC requirements are:

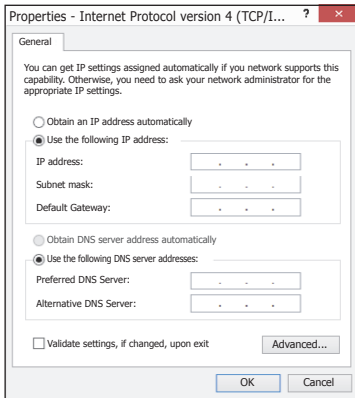
- Minimum Windows XP
- Adobe Flash Player 10

Switch on the PC and proceed as follows:

From “Control Panel” on your PC select “Network connections and sharing” and then the heading “Ethernet”.



From the “Ethernet Status” window select “Properties”; highlight the heading “Internet Protocol version 4 (TCP/IPv4)” and click on “Properties”.



The entry “Use the following IP address” appears on this screen and you should fill in the fields as follows:

IP address: 192.168.0.100

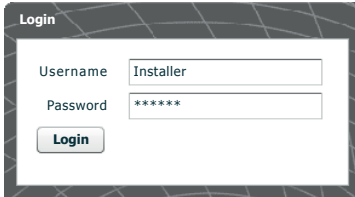
Subnet mask: 255.255.255.0

By clicking on OK, your PC is ready to dialogue with the ETI/Domo server.

Setup of ETI/Domo server

Accessing the settings page

To access the settings page of the ETI/Domo server connect your PC to gateway 0 of the server and type this address into the browser you normally use: http://192.168.0.3/index_setup.html.




After a few minutes, the settings web page will appear that requests the user's credentials for access.

The default settings are:

Username: **installer**

Password: **112233**



Setup

Information



ID and location of gateway

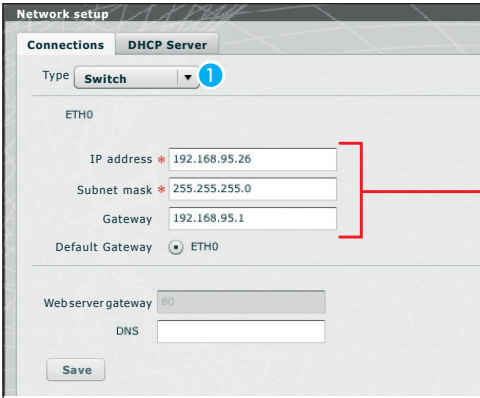
Name of contact person or company to contact if need be

Default settings:

- Operating modes: **Switch**

- IP address **ETH0 192.168.0.3**

Note: The fields marked with an asterisk are mandatory.



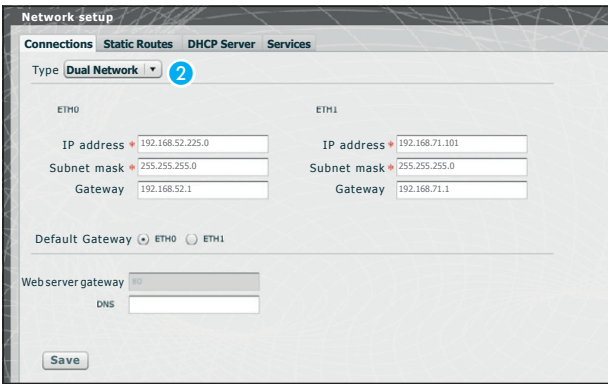
Switch Mode

The two RJ45 gateways are interconnected in switch mode ① on the Ethernet level, and have the same IP address as the device, the address that corresponds to the unique ETH0 logical interface, and to the same MAC Address. The data traffic transits between the two interfaces and ETI/Domo can be accessed from each. The services for the home automation web interface on the browser, access to the configuration pages and the services for the PC Mitho configuration tool are always enabled on both ports.

Enter the IP address selected for this device and the relative subnet mask. If necessary, enter also the default gateway in the lower field for the subnet selected. The DNS parameter is optional.

⚠ Warning!

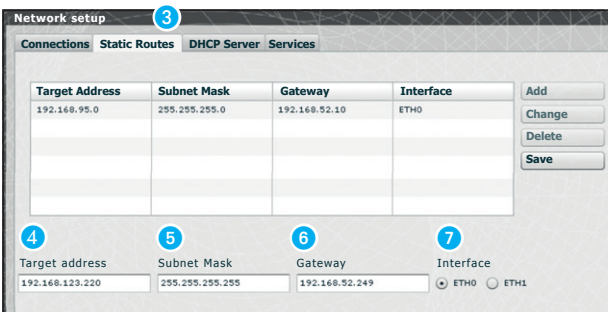
After changing the network parameters, pressing "Save" will cause the connection with the device to be lost. To restore the connection, it may be necessary to reconfigure the PC as indicated previously.



Dual Network Mode

The two gateways are NOT interconnected with each other logically ②, each corresponds to a different Ethernet interface, ETH0 and ETH1 respectively, and therefore to a different subnet.

For the two interfaces an IP address, netmask and gateway must be entered.



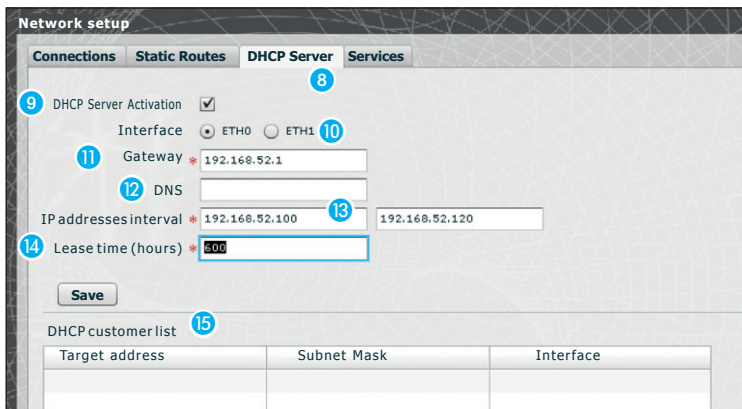
The **static routes** ③ are rules for transmitting IP packets to different networks than the two subnets corresponding to the ETH0 and ETH1 interfaces. This section is only present in Dual Network mode

④ **Target address:** allows the address of the specific host (e.g.192.168.123.227) or a subnet (e.g. 192.168.95.0) to be reached with the static route to be entered.

⑤ **Subnet Mask:** net mask corresponding to the specific host (in this case the mask will be 32 bit 255.255.255.255) or to the subnet (e.g. 255.255.255.0) to reach with the static route.

⑥ **Gateway:** is the IP address of the router to which ETI/Domo has to send the packets for the specific route. The Gateway of the ETH0 or ETH1 interface is suggested automatically according to whether the ETH0 or ETH1 is chosen as "Interface" ⑦. This gateway can be different from those suggested, but the address must belong to the chosen interface's subnet.

⑦ **Interface:** permits the choice of the interface to which the packets that correspond to the static route will be transmitted and received by the ETI/Domo; it is the interface connected to the subnet where the gateway for that route is found.



10 Interface: allows choice of which interface to activate the service on, in the event of a Dual Network configuration; in the event of a Switch configuration, the only possible interface is the ETH0. The service cannot be activated on both interfaces.

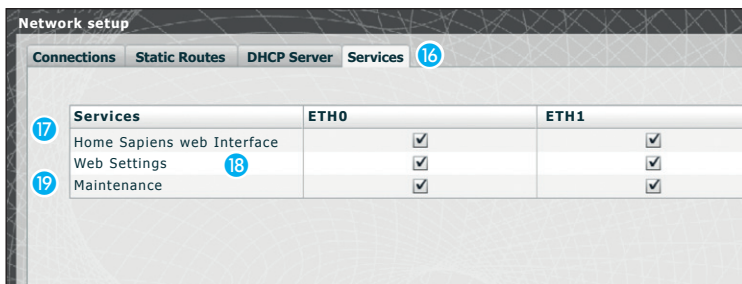
11 Gateway: is the IP address (obligatory) of the default gateway that will be configured for customers who ask for the DHCP service. The same address as in the "Gateway" parameter of the ETH0 or ETH1 interface chosen in the 'Network Setup' menu is preset as a suggestion. The address must be an address belonging to a subnet of the interface on which the DHCP Server is active.

12 DNS: this parameter is sent to the hosts who ask for the DHCP service; it is optional.

13 IP addresses interval: is the pool of IP addresses that the DHCP server assigns to the various hosts who ask for them; the interval is made up of consecutive addresses included between the two addresses entered. The address must be an address belonging to a subnet of the interface on which the DHCP Server is active.

14 Lease time: is the period of time during which an address from the "pool", just assigned to a customer, is considered "engaged" and cannot be assigned to other hosts. The customer will renew the request before the expiry of the lease time. Once all the pool addresses are assigned, the DHCP server no longer responds to other requests from DHCP customers, until addresses become available because of lease time expiring.

15 DHCP customer list: all the customers who have made DHCP requests and are active (i.e. the lease time hasn't expired) are listed; a host-name is also shown, if the customer has notified it to ETI/Domo, and the customer's MAC address.



Via the **DHCP Server** service **8**, ETI/Domo assigns IP addresses of a particular group, and relative netmasks and gateways, to the "customer" devices that request them (via the standard DHCP protocol).

The default setting for the service is disabled.

9 DHCP Server Activation: activating/deactivating DHCP server service.

The section '**Services**' **16** is only available if the configuration of the two gateways is Dual Network. For each gateway it is possible to enable or disable the services listed below:

17 Home Sapiens Web Interface: this is the service for the home automation web interface on the browser.

18 Web Settings: this is the service to access the settings web pages and to connect the App on a smartphone. To work correctly at least one of the two interfaces must be activated.

19 Maintenance: is the service to access the device with the PCMitho setup tool.



Date and time

Date and time

Date: 05/08/2013

Hour/Min: 12 : 04

NTP Server: 127.0.0.1

Time Zones: Europe/Rome

Use this window to set the correct date, time and time zone, and if necessary to make the adjustment of this data dependent upon the NTP server.



Change login and password

Change login and password

Current username: Installer

New username: installatore

Current password: *****

New password: *****

Re-enter new password: *****

Save

The installer can use this window to change the Username and Password.

System settings

GW Home Automation Setup

In a system set up to have more than one ETI/Domo gateways one of them must be configured as the "Main" one, the other ETI/Domo units present in the system will be defined as "Secondary".

To make communication possible between the various ETI/Domo units, the IP address of the Main one and the communication gateway must be indicated in the secondary devices.

IP address	Status
192.168.71.256	●

The first part of the window **1** lets you choose a communication gateway through which the secondary gateways will communicate with the main ETI/Domo.

The table **2** lets you see the secondary ETI/Domo units (if present) that make up the system. Column **3** shows the communication status.

Logs

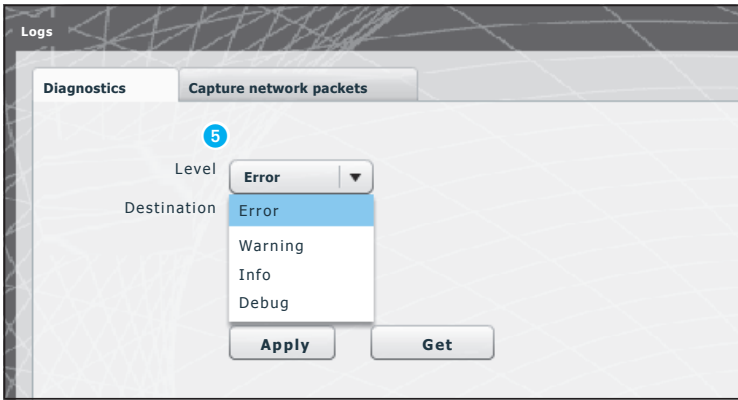
Logs

Level: **Error**

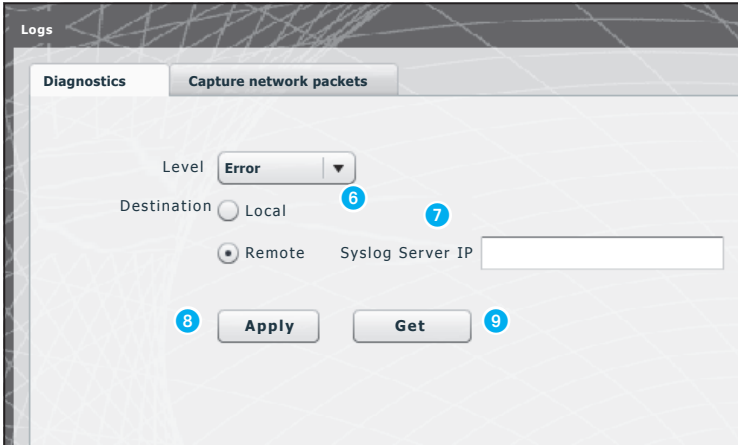
Destination: Local Remote

Apply **Get**

Via the "Diagnostics" tab the system will save log files which hold useful information in terms of diagnostics.

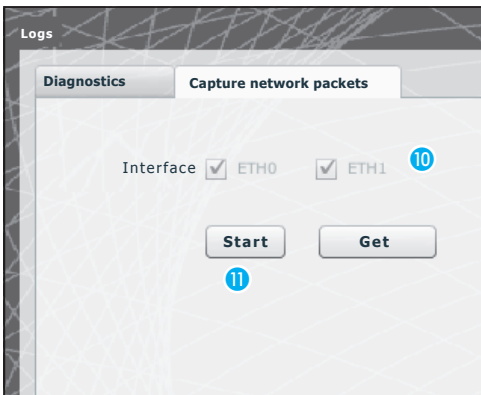


It is possible to choose the type of error **5** to be filtered, whether to store the log files locally in the device's memory **6** or in a Syslog specifying the IP address **7**.



By pressing the "Apply" button **8** it is possible to apply the set-up selected once it is changed.

Pressing the "Get" **9** button within the section of interest, allows you to access files through which technical assistance can trace the source of any problems. Should the destination be 'Local' the log messages are saved in the device's memory, while if its position is 'Remote' the data will be found in the server specified.

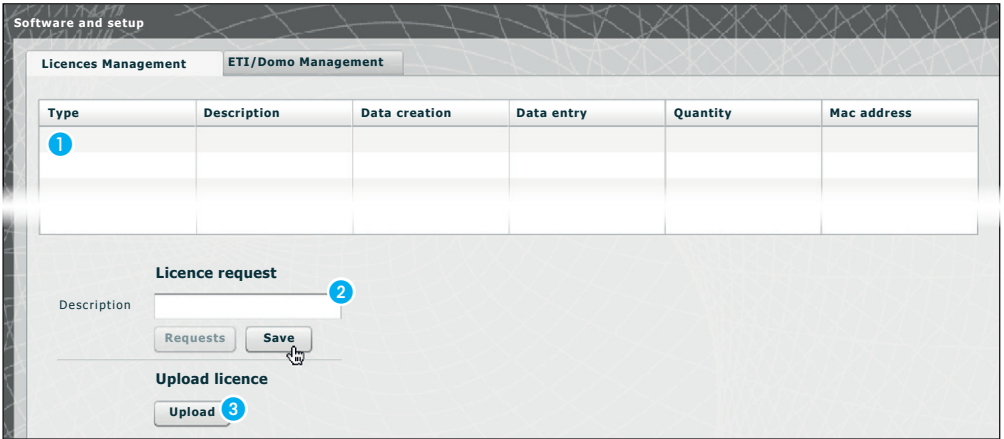


From tab "Capture network packets" it is possible to start gathering all the data that transmits from/to the device (**NOT the traffic that transits from one gateway to the other**).

Where the device is configured in 'Dual Network' mode it is possible to choose to carry out the data collection from either one or both of the two gateways (ETH0 or ETH1).

Where the device is configured in 'Switch' mode the data collection is done for both gateways **10**.

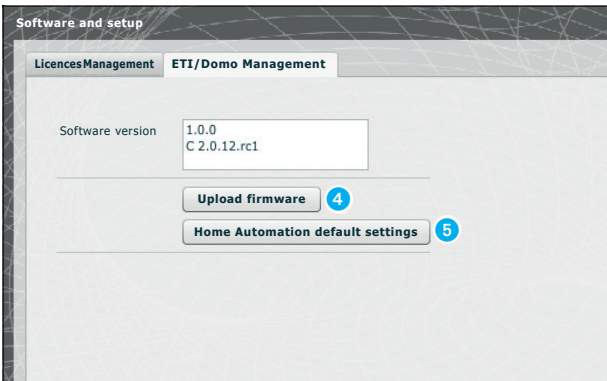
The 'Start' **11** button enables the collection of the data that will be stored in the device's internal memory to be started.



The window “**Software and settings**” in the section “**Licences Management**” lets you consult a list of active licences 1 complete with a set of useful information.

At point 2 it is possible to request additional licences from CAME by simply entering the description of the request and pressing “**Requests**”; a file to save on your PC and send by email will be generated.

Once the file required to unlock the licence is received, press “**Upload**” 3, just identify the file received on your PC and start the upload.



In the section “**ETI/Domo Management**” you can display and update the software version installed. Once the file for the update has been received, press button 4, select the file and proceed with the upload.

Pressing button 5 takes the device back to the default status (**all the programmed settings will be lost**).


Note: It is not possible to save the system setup and reimport it.

Manual code: **FA00158-EN** vers. 1 07/2015 © CAME s.p.a. - The data and information shown in this manual are to be considered as subject to change at any time and without the need for any advance warning.



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