

Installation manual





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Installation manual

MyHOME



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1.1 Warnings and recommendations

Before proceeding with the installation we recommend that you read the content of this manual very carefully.

The warranty will automatically become void in case of negligence, improper use, and tampering by unauthorised personnel.

1.2 Main functions

The SCS device saves the consumption values in separate energy lines. These lines can be both electric, by connecting Bus meters with 3 inputs for toroids, item F520, or a load management central unit, item F521, and non-electric, by connecting pulse counter interfaces, item 3522. The total number of lines managed cannot exceed 10.

It also allows to check the system loads, displaying the instantaneous consumptions and (when they are deactivated by a load control unit following an overload), force their reactivation for a given time.



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1.3 Legend





- 1 User interface LED: see table
- 2 MicroSD memory card slot (optional)
- 3 Connection to the SCS BUS
- 4 Ethernet connection
- 5 Reset key:
 - press and hold for 10 seconds to restart the Energy Data Logger;
 - press and hold for 20 seconds to restart the Energy Data Logger , and set the dynamic selection of the IP address.

User interface LEDs table

Red LED flashing slowly and regularly:	no network found; waiting for an address to be assigned.
Green LED flashing slowly and regularly:	device waiting to be configured.
Green LED flashing quickly and regularly:	time on the device not configured.
Green LED flashing slowly and irregularly:	device working and configured.
Red-green LED flashing quickly:	IP or microSD configuration error. Reset, check the configuration, and the microSD memory card model.



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2.1 Wiring diagrams

To put the device into operation, this must be connected following the diagrams below.

Diagram with direct or crossover cable



Diagram with switch

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Check that your PC is set for automatic acquisition of the IP address (network parameters); then select the Energy Data Logger device among the network resources.

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3.1 Procedure with Windows Vista, 7 or 8 operating system

If the connection is correct, it will be possible to display the device in the My Network Places window, with the name "Energy Data Logger".



Double click on the icon to open the configuration WEB page.



The Web pages can be accessed with two authority levels: "**user**" and as "**administrator**". In addition to having access to the same pages as the user, the administrator can also access the "**Configuration**" function and define some Data Logger parameters. Ask your installer for the access passwords, if this has not already been provided. To learn how to navigate through the web pages refer to the user manual.





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If the device is not automatically recognised by the PC, follow the instructions below. To access the configuration page, and display the device IP address, the following parameters must be set:



Name	Home/Work (Private)	Public
iSCSI Service		
Media Center Extenders		
✓ Netlogon Service		\checkmark
Network Discovery		
Performance Logs and Alerts		
Remote Assistance	₹3 >	_ □ {
Remote Desktop		
Remote Desktop - RemoteFX		
Remote Event Log Management		
Remote Scheduled Tasks Management		
Remote Service Management		

3 - Enable both Public and Private "Network Discovery".



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3 Configuration



From the Start / Control panel menu 7 - Click "Administrative Tools"



Name	Date modified	Туре	Size
n Component Services	14/07/2009 06:46	Shortcut	
🛃 Computer Management	14/07/2009 06:41	Shortcut	
🛐 Data Sources (ODBC)	14/07/2009 06:41	Shortcut	
👔 Event Viewer	14/07/2009 06:42	Shortcut	
🔒 iSCSI Initiator	14/07/2009 06:41	Shortcut	
🛃 Local Security Policy	19/10/2011 11:50	Shortcut	
Performance Monitor	14/07/2009 06:41	Shortcut	
Print Management	19/10/2011 11:50	Shortcut	
Services	14/07/2009 06:41	Shortcut	
🚮 System Confi 💦 tion	14/07/2009 06:41	Shortcut	
Task Scheduler	14/07/2009 06:42	Shortcut	
Hindows Firewall with Advanced Security	14/07/2009 06:41	Shortcut	
🗃 Windows Memory Diagnostic	14/07/2009 06:41	Shortcut	
😹 Windows PowerShell Modules	14/07/2009 06:52	Shortcut	

8 - Click "Services".



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9 - Set Automatic Startup Type for item "**UPnP Device Host**" and ensure that it has actually been enabled.

C	Search Certificate Management	Provides X.5	Manual	Local System
Stop the service	🔍 HomeGroup Listener	Makes local	Manual	Local System
Restart the service	🛸 HomeGroup Provider	Performs ne	Manual	Local Service
	🐫 UPnP Device Host		Automatic	Local Service
Description:	🔍 Human Interface Device Access	Enables gen	Manual	Local System
Allows UPnP devices to be hosted on this computer. If this service is	🛸 IKE and AuthIP IPsec Keying Modules	The IKEEXT	Manual (9)	Local System
stopped, any hosted UPnP devices	Supervision Interactive Services Detection	Enables use	Manual 💛	Local System
will stop functioning and no	🔍 Internet Connection Sharing (ICS)	Provides ne	Disabled	Local System
additional hosted devices can be	🔍 IP Helper	Provides tu Started	Automatic	Local System
services that explicitly depend on it	🛸 IPsec Policy Agent	Internet Pro	Manual	Network Service
will fail to start.	🔍 KtmRm for Distributed Transaction Coordinator	Coordinates	Manual	Network Service
	🔍 Link-Layer Topology Discovery Mapper	Creates a N	Manual	Local Service
	🔍 Media Center Extender Service	Allows Med	Disabled	Local Service
	Microsoft .NET Framework NGEN v2.0.50727_X86	Microsoft	Disabled	Local System
	🔍 Microsoft .NET Framework NGEN v4.0.30319_X86	Microsoft	Automatic (Delay	Local System
	Contract in the service America Americ	Manages In	Manual	Local System
	Microsoft Software Shadow Copy Provider	Manages so	Manual	Local System



eneral Log On	Recovery Dependencies
Service name:	upnphost
Display name: UPnP Device Host	
Description:	Allows UPnP devices to be hosted on this computer. If this service is stopped, any hosted UPnP devices
Path to executat	le: tam??\sychast.exa.k.l.aas!SanriasAndNalmaamaastian
Startup type:	
Help me configu	re service startup options.
	2
Service status:	Stopped
Service status: Start	Stopped Pause Resume
Service status: Start You can spec	Stopped Pause Resume 0 start parameters that apply when you start the service
Service status: Start You can spec 1 rom here. Start parameters	Stopped Pause Resume 0 start parameters that apply when you start the service
Service status: Start You can spec 1 rom here. Start parameters	Stopped Pause Resume 0 start parameters that apply when you start the service
Service status: Start You can spect rom here.	Stopped Stop Pause Resume start parameters that apply when you start the service

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10 - Click "**Start**". 11 - Click.

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12 - Set Automatic Startup Type for item "SSDP Discovery" and ensure that it has actually been enabled.

Stop the service Restart the service	Credential Manager Cryptographic Services COM Server Process Launcher	Provides se Provides fo Starte The DCOM Starte	Manual d Automatic d Automatic	Local System Network Service Local System	
Description: Discovers networked devices and services that use the SSDP discovery protocol, such as UPnP devices. Also announces SSDP devices and services running on the local computer. If this service is stopped, SSDP-based devices will not be discovered. If this service is disabled, any services that explicitly depend on it will fail to start.	 SDP Discovery Desktop Window Manager Session Manager DHCP Client Diagnostic Policy Service Diagnostic System Host Disk Defragmenter Distributed Transaction Coordinator DNS Client Encrypting File System (EFS) Extensible Authentication Protocol Fax Function Discovery Provider Host 	Discovers n Starte Provides De Starte Registers an Starte The Diagno Starte The Diagno Starte The Diagno Starte Provides Dis Maintains Ii Starte Coordinates The DNS Cli Starte Provides th The Extensi Enables you The FDPHO Starte	d Automatic d Automatic d Automatic d Manual d Manual d Automatic Manual d Automatic Manual d Automatic Manual Manual d Manual d Manual	Local Service ocal System 12 local Service Local Service Local Service Local System Local System Local System Network Service Local System Network Service Local System Network Service Local System	m



Recovery Dependencies		
SSDPSRV		
Display name: SSDP Discovery		
Description: Discovers networked devices and services that use the SSDP discovery protocol, such as UPnP		
e:		
em32\svchost.exe +k LocalServiceAndNoImpersonation		
Automatic		
service startup options. Stopped		
Start N Stop Pause Resume		
¹³ art parameters that apply when you start the service		
OK Cancel Apply		

13 - Click "**Start**". 14 - Click.

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3.2 Procedure for Tablet and Smartphone

If viewing the pages using a Tablet or a Smartphone, it is recommend to set fixed IP and IP mask; in alternative, use an application for the identification of UPnP devices.

3.3 Troubleshooting

Problem	Solution
When directly connected to the PC, the device cannot be displayed among the system resources.	Power the device by pressing and holding down the reset key until the red LED starts flashing: initialisation of the device will start, and the following parameters will be set: IP address: 192.168.1.5 IP Mask: 255.255.255.0 It will now be possible to connect to the device and reconfigure the parameters.
The device web pages are not correctly displayed	 In the browser parameters enable "Compatibility mode"; Delete the browser history, including, including "Temporary files/cache".

Note: the device has been tested with the following browser versions:

Internet Explorer	7 (on Windows XP) and 9 (on windows 7)
Google Chrome	19.0.1084.56
Safari	5.1.7
Mozilla Firefox	12
Opera	11.64

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4.1 Technical data

Power supply from BUS	18 – 27 Vdc
Assorbimento	30 mA (max)
Operating temperature	5 – 45 °C

TECHNICAL AFTER-SALES SERVICE

Legrand SNC only accepts responsibility for perfect device operation if it is installed to the state of the art respecting the indications of the product installation manual.

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