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1.Hardware and Software requirements



Warning: The TiF453AV software is the fundamental tool for the configuration of the F453AV Web Server, which, for convenience, will be referred to as device in this manual. This software is protected by exclusive rights, owned by the company BTicino SpA

1.1 Minimum Hardware requirements

- PC with Pentium 2 GHz or similar.
- 1 GB RAM memory (XP).
- Video resolution 800 x 600, 256 colours.
- CD-ROM or DVD reader
- Hard Disk: 500 MB minimum free space available.

1.2 Minimum Software requirements

- Windows XP SP2 (32 bit), Windows Vista (32 bit o 64 bit) or Windows 7 (32 bit o 64 bit)
- The .NET 3.5 SP1 framework is required for correct operation of the application.
- Minimum browser requirements for correct display of the web pages: Internet Explorer ver. 7, Firefox ver. 3, Chrome ver. 9, Safari ver. 4.
- However, for the energy supervision function higher Internet Explorer requirements are necessary: ver.8 + Google Frame plug-in or better.

The updated requirements can be found on the www.bticino.com website

2.Installation

To install the TiF453AV program proceed as described:

1. Put the Cd-Rom into its drive.

- 2. After the main page is displayed in the web format, select "Software" and then "Install TiF453AV".
- 3. The installation program will copy the system files needed to run the TiF453AV program.

3. Fundamental concepts

The TiF453AV software can create and edit a project containing the device configuration to manage My Home systems remotely.

The created project must be sent to the device. This is done by connecting the device to the PC using a "cross-over" cable connected to the device LAN connector and to the PC's Ethernet card. As an alternative you can update the device remotely if you know the IP address and OPEN password (for more details see the user manuals supplied with the device).

In the same way the project file can be received from the device to check and/or edit the configuration it contains.

The TiF453AV program also lets you update the version of the device's permanent base software (firmware) by means of new revisions distributed by Bticino.

To create a new design

- Run TiF453AV.
- Make a new design.
- Send the data to the device

To edit an existing design

- Receive the current confi guration data from the device.
- Make any modifi cations.
- Send the data of the design made to the device

With TiF453AV you can update the device firmware version (Add fi rmware) with new revisions issued by Bticino.

3.1 Function selection menus and pushbuttons

On opening the program, the start screen is displayed, which contains all the configuration parameters listed in hierarchical order. The configuration details are entered in the area on the right.

Functions and parameters

to be configured

Pull-down menus Pushbu	III-down menus Pushbutton menu			ata input area
¥ 17 453AV File Tools Language ? State (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	_	_		×
B ¥ F453AV	F453AV			
Pittwork connection Tethernet Content parameters Content parameters Onde Onde Onde Onde	Project name	F453AV		
Cargouge Socurity Galaxies exacting Package P	F153AV Project			
A Not controlled zones				[1/2]
Info and errors				*
Project	Project not saved			English _{at}
Dpens the Info Navigation and Errors area bar		Info and Errors area	Closes the Info and Errors area	Function description



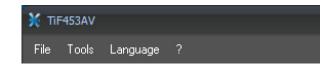
Attention: for the TiF453AV software to work correctly, the device must be installed in agreement with the indications given in the instruction sheet supplied with the device.



All the functions which can be run with TiF453AV can be selected by means of the icons in the tool bar, or by opening the pull-down menus and selecting the various items. The tool bar has the following options:

2 🕼 📑	Creation, Open and Save configuration file
ۇ بى ۋ	Receive, Send the configuration
1. Alexandre and the second se	Update device firmware
6	Request device info
22	Selection of the application language
bticino	Connection to the www.bticino.com site

The pull-down menu has the following options:



3.1.1 "File" menu

• New

Creates a new project

- Open
 - Opens an existing configuration file
- Save
- Saves the current project
- Save as ...
 - Saves the current project asking for a name for the file
- Exit
 - Exits the program

Хт	iF453AV	
File	Tools Languag	le ?
	New	🕼 😪 💾
9	Open	
	Save	
	Save as	connection
P	Exit	rnet parameters

3.1.2 "Tools" menu

- Receive Configuration Runs the upload function of the configuration from the device
- Send Configuration Downloads the configuration to the device
- Update Firmware Updates the device firmware
- Request device info Displays the technical information

Can select the application language

3.1.3 "Language" menu

• Language

Lan	guage ? English Italiano	_
1 15 1	Français Deutsch	
2	Nederlands	
	Español Português	



3.1.4 "?" menu

About . . .

Displays some information on the TiF453AV program

Supported Version

In a table displays the devices firmware versions managed by the TiF453AV program

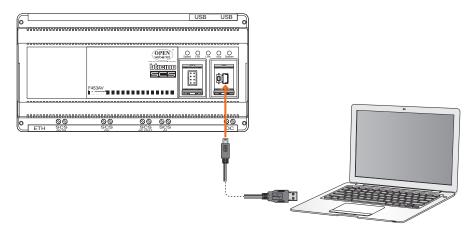




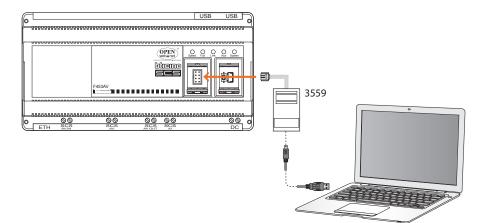
3.2 Connecting the device to a PC

To receive/send the configuration completed using the TiF453AV software, or to update the firmware, connect the device to the PC using a USB/miniUSB cable, the serial-USB adapter (3559), or an Ethernet cable.

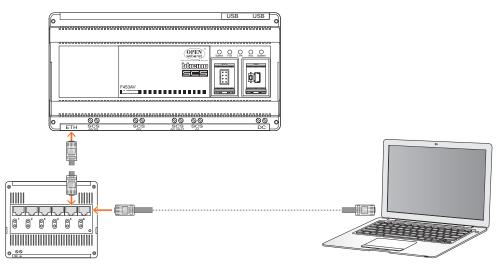
USB connection



Serial connection



Ethernet connection



3.3 Send the configuration

It allows the user to send the project created to the device.

Procedure:

- > Connect the device to a PC as shown in the corresponding section.
- > From the **Tools** pull-down menu select **Send Configuration**.

The following window appears:

53AV		
evice Date and Time Select the date and time to set on the da	avire	i)
		4
Date and time	10/ 7/2011 12:20:13 PM	~
0		1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.
	🐗 Back 📄 Next	Cancel

- > Click **Next** to display the window for the selection of the mode of connection with the device. The sending operation can be performed using three different types of connection:
- Ethernet: by entering the network address, or by automatic search.
- Serial: by selecting the port (COM), or through automatic detection.
- USB: through automatic detection of the connected items.

TIF453AV	
Connection	
Select the mode of connection to the device	
 Ethernet Eserial Serial USB 	
🖉 🚑 Back 🔿 Next 😵 Ca	ncel



ETHERNET CONNECTION

Enter the device network address and th	e OPEN password
Automatic search Manual net-address input OPEN password	
	🗢 Back 🔿 Next 🚱 Can

SERIAL CONNECTION

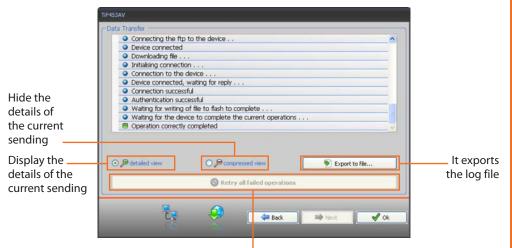
TIF453AV	
- Connection port selection	
Select the serial port the device is connected to	
Port selection COM1 COM1 COM1 COM1	
🖉 🥥 🛹 Back 🔿 Next 😂 Cance	

USB CONNECTION

Device selecti	on			
Searching U	USB devices	_		i)
Connected	Items			<u> </u>

In this mode the device is recognised automatically.

> After clicking **Next** the project is transferred to the device.



Repeat the operation if unsuccessful

3.4 Receive the configuration

It allows the user to receive the configuration from the device; once the configuration has been acquired, this can be changed and saved, or it can be resent to the device.

Procedure:

- > Connect the device to a PC as shown in the corresponding section.
- > From the Tools pull-down menu select Receive Configuration.

A mask is displayed, for the selection of the mode of connection to the device (for the connection procedures see the **Send the Configuration** section).

After selecting the connection mode, click **Next** to load the project currently installed on the device.

TIP453AV		
e Tools Language ?		
(a) □ 3 3 ¥ 3 ¥ .		hticino
= * HOME	G HOME	
Wetwork connection Ethernet	HOME HOME	
General parameters Concerned Codes Unexocal codes Web sestion Web sestion Web sestion Web sestion CoPEP commands to be blocked Services Grow Segre Unexocal code Unexocal codes Services Temperature control Services Temperature control Services Controls (1) Services Controls (2) Services Services Controls (2) Services Controls (2) Services Services Controls (2) Services Controls (2) Services Services Controls (2) Services Services Controls (2) Services Services Services Controls (2) Services Services		
Hot controlled zones (1) - 4, External probes (1) ⊕ ¬¬(A) ar conditioning basic ⊕ ¬¬⊕ Ac units (2)	Project name Choose the project name	
Contra AC 1 Securite commands (2) Securite commands (2)		
4 3 A		12
to and errors		
	in7\bicino\PR000619 - F4534\\progett\EN\CASA_05_10_EN.prj	Englid



3.5 Update the Firmware

It allows the user to update the device firmware.

Procedure:

- > Connect the device to a PC as shown in the corresponding section.
- > From the Tools pull-down menu select Update Firmware.

The following screen appears, prompting the user to search for the folder containing the firmware file with extension .fwz (compressed file).

453AV Firmware selection –					
Select the firmwar	e file to be t	updated	_		i)
					🜏 Find
					SP Info
	1	0	99	0-	1455

> Select the file and click **Open** to continue.

This action will open a mask for the selection of the mode of connection to the device (for the connection procedures see the **Send Configuration** section).

3.6 Request device info

It displays some information on the device connected to the PC.

Procedure:

- > Connect the device to a PC as shown in the corresponding section.
- > From the Tools pull-down menu select Request Device Info.

This action will open a mask for the selection of the mode of connection to the device (for the connection procedures see the **Send Configuration** section).

After selecting the connection mode, click **Next** to open a screen showing the device hardware and software features.

4. Project configuration

This section can be used to configure a new project, or to change an existing one.

> From the File menu select New.

The following window appears:

🗶 TIF453AV			×
File Tools Language ?			
<u>}</u> ⊜∎∮∮¥≉⊚ ⊯•			hticino
F453AV F453AV FetSaAV FetSAV FetSAV	Project name	F453AV	
If angesture control System 99 sones System 99 sones Not controlled zones Not controlled zones Info and errors Controlled zones Info and errors Controlled zones Info and errors Controlled zones Info and errors	V		12
Project			
• •	Project not saved		English

> Enter the configuration data in the various sections.

4.1 Network connections

The technical parameters for the network connections are configured in this section.

X TIF453AV	
File Tools Language ?	
<u>``©,, ∮,4,2% (, ₩, •</u>	bticino
ADME Mathematic construction Code Code	
🚓 🖉 🌧	1/2
Info and errors	
	Englid





Before editing the default values, contact the network administrator. Incorrect values, as well as making the service inactive, could cause malfunctions in the communication of other network equipment.

4.1.1 Ethernet

Here we find the mask for entering the connection parameters to the Ethernet network.

TIPHSJAV			
File Tools Language ?			
1 4 5 5 6 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6			bticina
PASSAV PASSAV PArtwork connection Partwork connection Partwork connection Cock Cock Cock Cock Cock Partwork cock Partwork Cock Partwork Cock Partwork Cock Partwork Cornadia Partwork Cornadia Partwork Cornadia Partwork Cornadia	Ethernet Web server IP Subnet mask Router IP Primary DNS Secondary DNS Secondary DNS Web server IP	192.168.1.154 255.255.05 192.160.1.1	
Group of commands Group of com	Enter the IP address of the web serv	er	
(= 2)			[12]
Info and errors	\\Trewin7\bticino\PR000519 - F4534\/\crogett/\	FINERS W/ NS m	English ,

If you want to enable the connection to the device via Ethernet network, the following items must be configured, or the default values used.

• Web server IP and Subnet mask

Typical parameters of networks with TCP/IP protocol. They are used to identify the device inside the local network. Remember that the device needs a "static" (fixed and unique) IP address to be able to work correctly.

Router IP

Router IP address, if there is one. If there is a router the field must be filled in, to guarantee outgoing Services, such as sending e-mail.

• Primary DNS and Secondary DNS Primary and secondary IP address of the Internet Service Provider (ISP), supplied when the subscription is taken out.

4.2 General parameters

X TIPASJAV	
File Tools Language ?	
<u>````````````````````````````````````</u>	bticino
Hestwork connection Hestwork connecti	
(+ 2)	12
Inlo and enors	
Image: Anti-Americanov Anti	English _{vi}

4.2.1 Clock

This function can define the local time zone and whether the device is the time synchronisation "Master".

If it is set as Master clock, other devices in the My Home system use the internal clock of the device in programming as reference for the time. The frequency of updating the time for all the devices can be selected in the box.

X TIF453AV			
File Tools Language ?			
<u>`</u> ⊴ , , , , , , , , , , , , , , , , , , ,			bticino
⇒ ¥ F453AV	Clock		
Wetwork connection	= Clock		
🖻 🧟 General parameters	11110 800 10	(GMT +1:00 h) Amsterdam, Berlin, Bern, Rome, Stockholm, Vie	nna
-C Good -C Univocal codes	Update function	NO Slave	
- @ Address	Update frequency	🕲 10 mmutes	
V Security Authentication Web session Paddress enabling Paddress enabling Panote commands Panote commands Panote Access			
CPEN commands to be blocked Services Oren Veb pages Uphts Uphts Uphts Tamperature control Temperature control			
AC units Group of commands Supervision system Ston and Go	Clock Clock configuration		
- 2 -			[1/2]
Info and errors			
e 👮	\\Trewin7\bticino\PR000619+F453AV\progett\8	NV5453AV_MS.ptj	English

4.2.2 Univocal codes

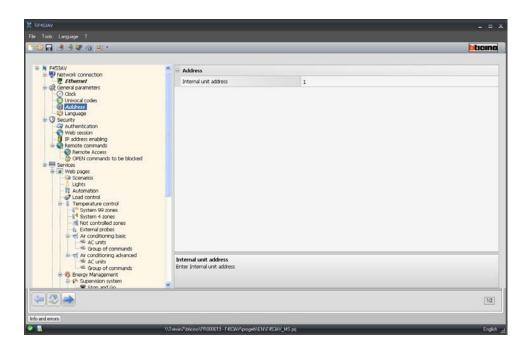
This function gives an identification number to the gateway.

TE4SDAV			
e Tool: Language ?			1764
S 🖬 🔌 🕸 🖓 😃 ·			blicing
F453AV Connection Conne	Gateway klentifler Gateway CPEN-SCS Web server AV 2 wires	1.	(hticini
	Gateway Identifier Gateway Identifier configuration		[12



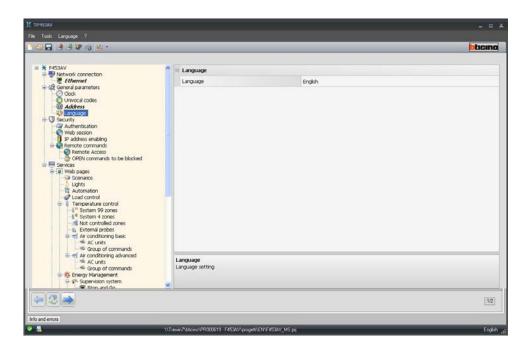
4.2.3 Address

Enter the internal Post address. The field can assume values between 0 and 99.



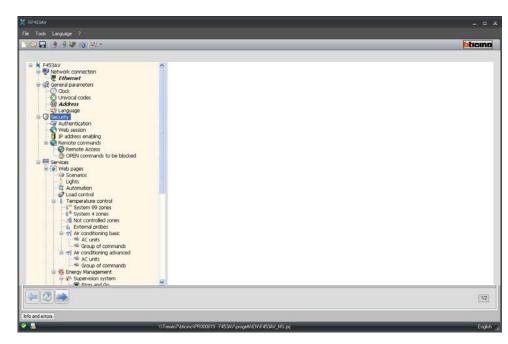
4.2.4 Language

This function can select the language for the control web pages and remote system management.



4.3 Security

This section is used to set the safety parameters.



4.3.1 Authentication

Web users

In this section you are asked to enter the name and password which the user will use for authentication, enabling and access to the services offered by the device selected.

e Tools Language ?			197
S ■ ● ● ♥ ≤ ₩ ·			blicini
= 😽 <u>F4</u> 53AV	A web users		
Ethernet	User login	user	
General parameters Gock	User password	user	
- O Univocal codes	Administrator login	admin	
Language	Administrator password	admin	
G U Security	😑 Automatic system		
Web session	 OPEN password 	12345	
🖮 🌒 Remote commands	🖃 Safe cameras		
PEN commands to be blocked	Enabling	Disabled	
Services	Password		
Control publics Control of the control Contro Control Control Control Con	Web users		
Ston and rin	×		1/2

- User Login and User password Enter the user Login and Password (default: user.user)
- Administrator login and Administrator password Enter the administrator Login and Password (default: admin.admin)



Automatic system

OPEN Password

Enter the OPEN password whenever the device is used for remote control of the My Home system via programs for PC.



Attention: The default OPEN password in the devices is 12345.

General parameters Gock	User password	user	
Onivocal codes Address	Administrator login	admin	
	Administrator password	admin	
Security	= Automatic system		
Web session IP address enabling	OPEN password	12345	
Remote commands	🗟 Safe cameras		
- OPEN commands to be blocked	Enabling	Disabled	
Services	Password		
Scenarios			

Safe cameras

Enable and enter a password to display the images sent by the cameras.

L		Administrator password	admin	
	G Authentication	automatic system		
L	Web session	OPEN password	12345	
L	Remote commands	😑 Safe cameras		
L	OPEN commands to be blocked	Enabling	Disabled	
L	Services	Password		
L				
L	- 72 Automation - 2 Load control			

4.3.2 Web session

The inactivity time on the web page, after which the device returns the user to the identification page, can be defined in this section.

X TIF453AV			_ = X
File Tools Language ?			
<u></u> € € ¥ ≪ ≪			bticina
	Web session timeout	1.mnute	
4 C -			1/2
			Summinged
Info and errors			
· •	\Trewin7\bticino\PR000619 - F453A\/\progett\EN'	F453AV_MS pi	English _{ut}

• Web session timeout

Select the interval of inactivity on the web page from 1, 2, 5 or 15 minutes.

4.3.3 IP address enabling

This window can be used to enter up to 10 IP address ranges with connection to the device enabled, without the need for entering the login ID or password.

Ethemet Concel parameters Concel parameters <t< th=""><th>F453AV</th><th>IP address range 1</th><th></th><th></th></t<>	F453AV	IP address range 1		
Value 1255.0255.0255.1254 Value 1255.0255.0255.1254 Value 1255.0255.0255.1254 Value 1255.0255.0255.1254 Value 1255.0255.0255.1254 Enabling Enabling Value 1255.0255.0255.0254 Value 1255.0255.0256.0255.1254 Value 1255.0255.0256.0255.1254 Value 1255.0255.0256.0255.1254 Value 1255.0255.0256.0255.1254 Value 1255.0255.0256.0255.1254 Value 1255.0255.0256.0255.1254 Paddress range 3 Enabling Value 1255.0255.0256.0255.1254 Value 1255.0255.0256.0255.1254 Value 1255.0256.0255.1254 Value 1255.0256.0255.1254 Value 1255.0256.0255.1254 Value 1255.0256.0255.1254 Value 1255.0256.0255.1254 Paddress range 5 Enabling Value 1255.0256.0255.1254 Paddress range 6 Enabling Value 1255.0256.0255.1254 Paddress range 6 Enabling Value 1255.0256.02	Ethernet	Enabling	Yes	
Address Address Building Enabling Building Enabling Address enabling Enabling Predictss enabling Predictss range 4 Enabling Into Not Value	C Clock	Value	1-255.0-255.0-255.1-254	
Enabling Enabling Becarity Authomication Web stages Enabling OPEN commands to be blocked Value OPEN commands Enabling OPEN commands Image: Services Image: Services Imad		🗟 IP address range 2		
Authentication Value 120200201251254 Web ission IP address range 3 Bendle commands Enabling Into Bendle commands Value Into Bendle commands Value Into Bendle commands Into Value Bendle commands Into Into Bendle commands Into Into Bendle command		Enabling	🖸 No	
Pardetes range 3 Pardetes range 3 Pardetes range 3 Pardetes range 4 Pardetes range 4 Pardetes range 4 Pardetes range 5 Pardetes range 5 Pardetes range 5 Pardetes range 5 Pardetes range 6 Pardetes range Pardetes Pardetes range Pardetes Pardetes range Pardete	- a Authentication	Value	1.355.0.255.0.255.1.254	
Brundre commands CPEN		= IP address range 3		
CPEN commands to be blocked Value	🚊 🕘 Remote commands	Enabling	No No	
Bertaling Bertaling	OPEN commands to be blocked	Value	1255.0.255.0.255.1-254	
Babling Internation Logic control Image: Control of Control Logic control of Co	Services	🗟 IP address range 4		
If Automation VAlue Value If Location of a program and provide and		Enabling	No No	
I Tamperature control IP address range 5 IP address range 5 IP address range 5 IP address range 5 IP address range 6 IP address range 6 IP address range 6 IP address range 6 IP address range 7 IP address range 8 IP address 8 IP address 8 IP addres 8 IP address	- TA Automation	Value		
Poptern 99 zones Poptern 99 zones Poptern 99 zones Poptern 99 zones Poptern 90 zones Popt		IP address range 5		
A conditioning basic A conditioning basic Constrained average Constrained average Constrained average Constrained average Constrained average Constrained average Constrained Constra	- System 99 zones	Enabling	No No	
Ar conditioning basic Ar Conditioning basic Ar Conditioning advanced Ar Conditin advanced Ar Conditin advanced Ar Conditin advanced	- Mot controlled zones	Value	1/255.0-255.0-255.1-254	
		IP address range 6		
		Enabling	🖸 No	
Stop and Go	Group of commands			

- > Enable the IP address.
- > Click 🔜 to enter the ranges.

Insert the network addres	8	(1)
1.0		1
255 . 255	• 255 •	254

4.3.4 Remote commands

This section is used to set the parameters for remote access adjustment.

Tools Language ?			
9 R 3 3 V 6 W.			bticin
8 🗮 <u>F4</u> 53AV	Activation/Deactivation event		
Vetwork connection	Enabling	CI NO	
General parameters Gock	Remote access channel		
Univocal codes	Signaling actuator		
Language	Enabling	No No	
G Security	Actuator address		
 Services Quite bages Quite bages Quite Scenarios Quite Scenarios Quite Scenarios Quite Scenarios Quite Scenarios Quite Scenarios Temperature control 			
Web pages Web control Control Control	Enabling Select signaling actuator enabling		



Remote access

Activate this function to, if required, disable remote connection to the device. This is done by setting the auxiliary channel from which the command is received.

X TIFASJAV			_ = X
File Tools Language ?			
<u>*</u> ⊆ ,			hticina
FIGSAV Microsoft Connection Characteristics Characteri	Activation/Deactivation event Enabling Binabing Actuator Enabling Actuator address	Tres Tres Not vald	
(* 2)			1/2
Info and errors			
× 1	\\Trewin7\bticino\PR000619 - F4534\/\progett\EN\	4534V_MS.pi	English at

The following must be defined in the mask:

• Activation/deactivation event

Enter the auxiliary channel dedicated to activating/deactivating the remote access.

• Signalling actuator

Enable a light point to use as signalling actuator.

The state of the connection can be displayed by the lighting up of a light signal controlled by an Automation system actuator; the configuration of this device must be given by setting the parameters in the box.

> Click to enter the SCS address.

🕺 SCS address	
🗉 🥥 SCS address	
Address	11
A	= 1
PL	= 1
Level	💜 Private riser
SCS address Enter the SCS addres	s (A. PL, Level, I3, I4)
	Confirm Cancel

OPEN commands to be blocked

This function can be used, if required, to disable the forwarding of certain commands from the device. The definition of the forbidden commands (max. 20) is done by entering them in the appropriate area, following the "Open Web Net" protocol.

The Tool: Larguage Image: State of the sta					TIF453AV
PFSAV P					File Tools Language ?
Network connection Code General parameters Ge	bticino			42	`⊙ ₽ \$\$\$\$\$\$
Stonado		0 CPEN configured	OPEN commands to be blocked	ction ters tes tes tes tes tes tes tes tes tes te	F453AV F554AV F554AV F554AV F554AV F554AV F554AV F554A
	1221				
	1/2				
Info and errors					Info and errors

On enabling the function a window to enter the commands is displayed.

Choose betwee manual and a insert an OPE	utomatic	insertion to	
0 %	*	0	10

There are two ways of compiling the command:

- Manual
 - allows direct entry of a command

must be made up	ommand. A well formed OPEN command of numerical characters, """ and "#" and nth """ and end with "##".
OPEN	



• Guided

The command can be defined automatically, selecting the configuration and type of command to be blocked in the menu.

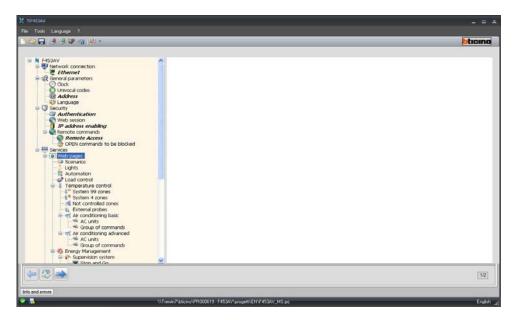
🗟 🥥 Open comman	d
Open command	*1*1*01##
System	💡 Lights
Action	ON
Address	01
Open command	
Open command Select the parameters	of OPEN command

4.4 Services

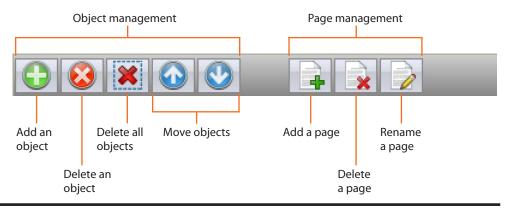
The web pages of the My Home applications are configured in this section.

4.4.1 Web pages

In this page the display of the sections corresponding to the My Home applications in the system can be enabled or disabled in the web pages.



All the pages of this section have a bar used for adding individual objects and pages. Before adding an object, a page must be added.





Scenarios

This section is used to define the objects for the activation of the scenarios managed by the central unit or the scenario module of the My Home system.

It is possible to configure up to 9 Web pages with 10 objects each, one of which at least correctly configured.

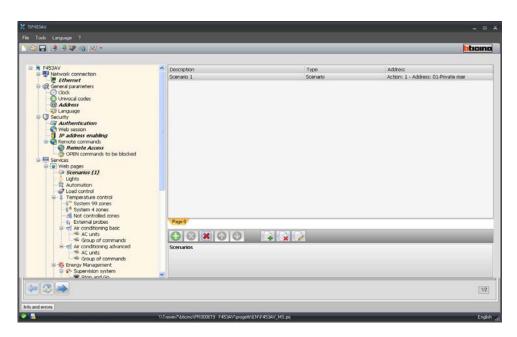
K TIF453AV				×
File Tools Language ?				
19 🖬 🤌 🕸 🕲 😕 ·				bticino
HISAV Ethernet Cock Co	Scenarios	Туре	Address	12
Info and errors				
··· · · · · · · · · · · · · · · · · ·	Trewin7\bticino\PR000619 - F453AV\proge	mVENVF453AV_MS.prj		English to

Click we to assign a description to the Web page (15 characters maximum).

Select the new name of the page	1
	1

After adding an object, a window appears where the user can enter the specific scenario data.





The following must be defined in the mask:

- Object description
 - Enter the description of the object 15 characters max.
- Scenario Type
 - Select if the scenario is a Normal or a Plus scenario.
- Scenario address

Click to select the address of the scenario to perform, saved in a scenario module.

🗉 🥥 Open command	
Open command	*0*1*01##
System	Scenarios
Action	Scenario 1
	01
Address	
Address Enter the SCS address	

- > Click in the **Action** field to select the scenario.
- > Click ... in the Address field to select the address of the devices the scenario must be sent to.

SCS address	
Address	01
A	= 0
PL	- 1
Level	👽 Private riser
:S address	
CS address nter the SCS addres	s (A. PL, Level, 13, 14)
	s (A. PL, Level, I3, I4)
	s (A. PL, Level, I3, I4)
	s (A. PL, Level, 13, 14)

Lights

This section is used to define the objects that will be included in the "Lights" function web page. It is possible to configure up to 9 Web pages with 10 objects each, one of which at least correctly . configured.

X TIF4S3AV					12	= x
File Tools Language ?						
3 S B \$ 3 \$ \$ 3 \$ \$ 4.					b tu	cina
F453AV Ethernet Ethernet Concelling Concenting Concelling Concelling Concelling Concellin	Description Description Lights	Address	Dmmer	Tring	Bining	
4 3 🔿						1/2
						And
Info and errors						
	\\Trewn7\btcino\PR000619 - F4	IS3AV/progetti\EN\F453AV_MS.prj				English _a

After adding an object, a window appears, where the user can enter the specific lighting data.

- Uights (1)	^	Description	Address	Dimmer	Timing	Blinking Not enabled
Load control Load control Load control System 92 zones Locational zones System 92		Light 1		2		
	×					



The following must be defined in the mask:

- Description
 - Enter the description of the object 15 characters max.
- Address
 - Click to enter the SCS address

SCS address	
Address	01
А	= 0
PL	= 1
Level	Private riser
iCS address	
SCS address Enter the SCS addre	ss (A. PL, Level, I3, I4)

Dimmer

Select Not Enabled or Dimmer 10/100 levels

- Timing
- select Not enabled or ON (from 1 min to 0.5 sec)
- Blinking
 - select Not enabled or Blinking (from 0.5 sec to 5 sec)

Automation

This section is used to define the objects that will be included in the "Automation" function web page.

It is possible to configure up to 10 Web pages with 10 objects each, one of which at least correctly configured.

After adding an object, a window appears where the user can enter the specific automation data.

F453AV		
Tools Language ? D 🕞 🧶 🤐 🎲 🐙 *		htic
Automation (1) Clad control System 4 2005 System 4 2005 System 4 2005 Automation (2) System 4 2005 Automation (2) System 4 2005 Automation (2) Automation (2)	Peorphon Automation 1	Address (3). Annuale riser
- 2 -		1
nd errora		
	\\Trewin7\bticino\PR000619 - F453AV\progett\EN\F453AV_MS pi	E

TiF453AV

The following must be defined in the mask:

- Description
- Enter the description of the object 15 characters max.
- Address
 - Click to enter the SCS address.

SCS address	
Address	01
A	• 0
PL	= 1
Level	👽 Private riser
CS address	
ICS address Inter the SCS addres	s (A. PL, Level, I3, I4)

Loads control

This page can be used to assign a description and the priority to the controlled loads that will be available in the "Load Control" Web page.

To re-enable a disconnected load following a tripping of the Energy Management central unit, it will be necessary to operate on the corresponding object displayed in the Web page.

The priority associated to the load is that defined when configuring the Power Management System by means of the numbered configurators (1 - 8) put into position CC of the actuators.

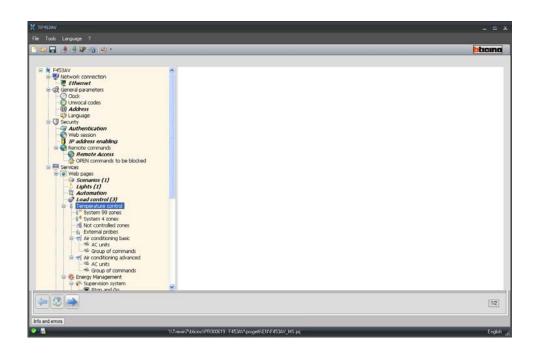
X TIFASBAV			
File Tools Language ?			
<u></u>			hticina
FIGSAV FIGSAV FIGSA	Cod 1 Lod 1 Lod 2 Lod 3	Priority 1 2 3	
			1/2
Info and errors			
· 1	\\Trewin7\bticino\PR000619 - F4534\/\progett\EN\F4534\/_MS pij		English _{té}

- Description
 - Enter the description of the object 15 characters max.
- Priority
 - Enter the priority associated to the selected load.



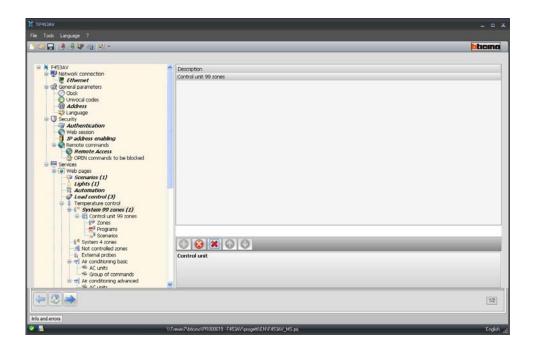
Temperature control

This section can be used to set the Temperature control system details.



System 99 zones

This section can be used to insert a 99 zone central unit and customise its description.



ZONES

For each of the 99 zones the configuration parameters must be entered.

🗙 TIF453AV						
File Tools Language 7						
<u>`</u> ≌∎ ∮∮¥≉∂ ⊭•	_					bticing
F453AV Aktivorit connaction Aktivorit connaction Concel parameters Cock Cock		Describon Zone 1	Address 1	Type Heating	Fancol No	
(= 2) >						[1/2]
Info and errora						
Ø 🚮	WTo	nvin7\bricino\PR000619 - F4534\/	crogetti/EN/F453AV_MS pri			English

The following must be defined in the mask:

- Object description
- Enter the description of the object 15 characters max.
- Address
 - Enter the zone address.
- Management type
- Enter the type of management performed (heating, cooling, or both).
- Fan-coil
 - Specify if the type of management performed is a Fan-coil type management

PROGRAMS

For each of the two types of operation (winter/summer) up to 3 programs can be enabled and their description customised.

tif453AV				
File Tools Language ?				
¹ ⊙⊟ \$\$\$\$*@₩*				blicing
FASSAV Astronometrical Astronometrical Concel Concel	Programs	Tipe Summe	Number 1	
(+ 3)				[1/2]
Info and errors				
2 1	Munuer7Macros/PR000519_E4534/Accordin	ENVE4530V MS rei		Endida

- Object description
 - Enter the description of the object 15 characters max.
- Type
- Enter the type of operation (summer/winter).
- Number
 - Enter the program number



SCENARIOS

For each of the two types of operation (winter/summer) up to 16 scenarios can be enabled and their description customised.

¥ TIF453AV				_ = X
File Tool: Language ?				
<u>``</u> ⇔₽ \$ \$ \$ \$ \$ \$				bticino
F453AV Introduction Introduction Connection Conneconection Conneconection Connection Connecti	Description Scenario 1 Scenario Scenarios	Type Summer	Number 1	
🗢 🗶 🌧				1/2
Info and errors				
· 1	\\Trewin7\bticino\PR000619 - F4534\/\progett\EN	VF453AV_MS.pij		English , s

The following must be defined in the mask:

- Object description
 - Enter the description of the object 15 characters max.
- Type
- Enter the type of operation (summer/winter).
- Number

Enter the scenario number

System 4 zones

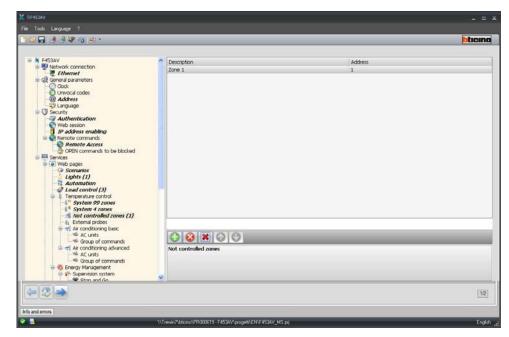
This section can be used to insert a 4 zone central unit and customise its description.

X TIF4SBAV		_ = ×
File Tools Language ?		
<u>`</u> ⊜⊒ \$\$\$\$\$\$ ₩·		blicing
FISSAV Fissav Ethernet Ethernet Concel journetors Concel codes Advess Advess Advess Advess Concel codes Advess Concel codes Advess Concel codes Concel Concel codes Concel Concel codes Concel Concel	Description Control unit 4 zones 1 Control unit 5 zones 1 Control unit Control unit	
(- 2 a)		[12]
Info and errors		
· · ·	\\Tiewin7\bticino\PFI000619 - F4534\/progett\EN\F4534V_MS pij	English

For the configuration of the "Zones" and "Programs" items see "System 99 zones". For this type of central unit the scenario item is not included.

Not controlled zones

This section can be used to configure the zones not controlled by the central unit.



The following must be defined in the mask:

- Object description
 - Enter the description of the object 15 characters max.
- Address
 - Enter the zone address.

External probes

This section can be used to configure external probes.

9 9 9 9 9 W ·			b ticar
F453AV	Description Zone 1	Address	
Ethernet General parameters Gonce Joack Gonce	Zoro 1		
• 🖑 🔿			1

- Object description Enter the description of the object – 15 characters max.
- Address
 - Enter the address of the external probe.



Basic climate control

This section can be used to configure the AC units and the groups of commands that will be available in the temperature control/air conditioning function page. In the case of basic climate control, the management function is performed only through the 20 commands saved on the 3456 interface.

AC UNITS

This section can be used to configured the AC unit.

X TIF453AV						×
File Tools Language ?						
3 S 3 S 3 S 3 S 4	_	_	_	_		blicino
Upen						
S ¥ F453AV S ♥ Network connection	Description AC unit 1	Address 01-Private riser	OFF address	Probe enabled Yes	Probe address Address (Za-Zb): 1-1, Slave: 1";	Off
Ethernet Cock Unvocal codes Address Addrest Address Address Address Address		8 0 0	1	10	A00053 (L2-CD) 1-1, SHR0. 1 ;	
42						1/2
Info and errors						
· · ·		Project not saved				English _{sti}

- Description
 - Enter the description of the object 15 characters max.
- Address
 - Click to enter the 3456 interface address.

SCS address	
Address	01
A	• 0
PL	= 1
Level	Private riser
SCS address Enter the SCS address	: (A. PL, Level, 13, 14)
	: (A. PL, Level, I3, I4)

- Off address
 - Enter the number of the command configured as OFF on the 3456 interface.
- Probe enabled
 - Enable/disable the temperature probe.

• Probe address

Click to enter the address of the slave probe

X Thermoregulation	Address
😑 🥥 Thermoregu	lation Address
ZA	1
ZB	1
N	1
Thermoregulation Enter the Thermor	n Address egulation address (ZA, ZB, N)
	Confirm Cancel

• Off

Enable/disable the Off command.

Favourite commands

Enter the favourite commands selected among the 20 available on the IRSplit for the management of the AC unit.

K TIF4S3AV			_ = ×
File Tools Language ?			
3 S S S S S			blicing
FIG3AV Instruction connection Instruction connection Code Code	Decorption Command 1	Address 1	
(a) (2) (a)			[1/2]
Info and errors	Divised and a word		Forder

- Description
 - Enter the description of the object 15 characters max.
- Address
 - Enter the address of the command on the 3456 interface.



GROUP OF COMMANDS

For the management of climate control it is possible to create a group of commands, selected among the ones saved on the 3456 interface.

X TIF4SJAV			
File Tools Language ?			
<u> </u>			hticina
· · · · · · · · · · · · · · · · · · ·	Command 1	Addess 11	
- 2 ·			1/2
Info and errors			
· ·	Project not saved		English Ja

The following must be defined in the mask:

- Description
 - Enter the description of the object 15 characters max.
- Address

Click to select the commands of the group.

Air Conditioning	
🖻 1 Air Conditionin	g
Address	11
Command	1
a 2 Air Conditionin	g
Address	11
Command	2
Air Conditioning Enter the air conditionin	g value
	g value

- Address
- Enter the 3456 interface address.
- **Command** Enter the command number.

Advanced Air Conditioning

This section can be used to configure the AC unit objects and the groups of commands that will be available in the temperature control/air conditioning function page. The management is performed directly as if the remote control of the splitter was used, or in any

The management is performed directly as if the remote control of the splitter was used, or in any cases using the 20 commands saved on the 3456 interface.

AC UNITS

Enter the AC units to configure.

TIF453AV		*
ile Tools Language ? *•••• 🖬 🤌 🏶 🖓 👑 •		bticino
Hetsav Network connection Hetsav Network connection Hetsav General parenters Code Code	Advanced Air conditioning	
		1/2
Info and errors		

The following must be defined in the mask:

F453AV	Address		
Ethernet	Address	Address (Za-Zb): 1-1, Slave: 1*;	
General parameters Gock	Probe enabled	No	
Onvocal codes Address	Probe address	Address (Za-Zb): 1-1, Slave: 1";	
Language	Show OFF command	No	
Security	🖯 Temperature		
Web session	Minimum temperature	15	
🗟 🌑 Remote commands	Maximum temperature	16	
PEN commands to be blocked	Step	1	
B Web pages	😑 Mode		
	Automatic mode	No	
- Clights T Automation	Cooling mode	No	
Coad control Temperature control	Heating mode	No	
System 99 zones	Dry mode	No	
- Mot controlled zones	Fan mode	Yes	
External probes Air conditioning basic	∃ Speed		
AC units	Fan speed presence	No	
Ar conditioning advanced AC units (1) AC unit 1 AC unit 1 Ar Shouthe commands Croup of commands	Fan mode Choose if the fan mode is active or not		
			P

Address

Click to enter the 3456 interface address.



X Thermoregulation	Address
🗉 🥥 Thermoreg	ulation Address
ZA	1
ZB	1
N	1
Thermoregulatio Enter the Thermo	n Address regulation address (ZA, ZB, N)
	Confirm

- Probe enabled
 - Enable/disable the temperature probe.
- Probe address

Click to enter the address of the slave probe.

	ulation Address
ZA	1
ZB	1
N	1
Thermoregulation	in Address regulation address (ZA, ZB, N)

Show Off control

Enable/disable the Off command.

- Minimum temperature
- Enter the minimum temperature that can be handled by the splitter

 Maximum temperature
- Enter the maximum temperature that can be handled by the splitter
- Step

Enter the desired increase step, choosing between 0,5 °C e 1 °C.

• For the Automatic, Cooling, Heating, Dry, Fan, Fan speed presence, Automatic, High, Medium, Low, Silent, Swing presence, ON, OFF modes: Select Yes to make the function available in the corresponding page.

Favourite commands

Enter the favourite commands for the management of the AC unit.

Image: State of the second	X TIFASJAV		_ C X
	File Tools Language ?		
Network concretion Consigned: Conset: Consigned: Consigned: Consigned: Consigned:	<u>`</u> ⊕ ₽ ₽ % ₩ •		bticina
	Network connection Connecti	Command 1	
	(+ 2)		[12]
Info and errors			

The following must be defined in the mask:

- Description
 - Enter the description of the object 15 characters max.
- Configuration
 - Click to set the parameters that will be performed by the command configured.

Air Conditioning	
Temperature	15
Mode	Fan
Speed	Automatic
Fan Swing	Off
Air Conditioning	
Air Conditioning inter the air conditionir	ng value

- Temperature
 - Select the temperature to set.
- Mode
 - Select the operating mode.
- Fan speed Select the fan speed
- Fan swing Select the fan swing mode.

37



GROUP OF COMMANDS

For the management of climate control it is possible to create a group of commands that will be performed at the same time.

K TIP453AV			
File Tools Language ?			
<u>`</u> `© , , , , , , , , , , , , , , , , , , ,			bticino
Ethernet	Command 1	Address 11#1	
Automatication Paddess smalling Paddess making Paddess Padd			
	Group of commands	_	_
			1/2
Info and errors	Project not saved		English

- The following must be defined in the mask:
- Description
 - Enter a description of the group of commands.
- Address
 - Click to select the commands making up the group.

Air Conditioning	
1 Air Conditioning	
Address	11#1
Temperature	18
Mode	Heating
Speed	Low
Fan Swing	On
2 Air Conditioning	
Address	12#1
Temperature	18
Mode	Heating
Speed	Low
Fan Swing	On
Conditioning ter the air conditioning	value
• 🗶	

The following must be defined in the mask:

- Address
- Enter the 3456 interface address.
- Temperature
 - Select the temperature to set.
- Mode
- Select the operating mode.
- Fan speed
- Select the fan speed
- Fan swing
- Select fan swing mode.

Energy Management

This section can be used to configure the functions that will be available in the "Energy Management" page.

Supervision system

This section can be used to configure the system supervision functions that will be available in the "Supervision" web page.

STOP & GO

This section can be used to configure Stop & Go switches for the control of the automatic earth leakage relay reset function, and other functions.

K TIF45JAV				_ = X
File Tools Language ?				
199 8 998 9 11 -				bticing
System 4 zones Not controlled zones External probles A conditioning balac A conditioning advanced A conditioning advanced A conditioning advanced A conditioning advanced A conditioning advanced A conditioning advanced Constructioning advanced	Peerpion Stop and Go 1	Type Normal	Adžess 1	
(a) (2) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a				1/2
Info and errors				
♥ 8	Project not saved			English _{at}

The following must be defined in the mask:

- Description
 - Enter the description of the object 15 characters max.
- Type

Select the type of switch: Normal, Plus, or Btest.

- Address
 - Enter the switch address.



LOAD DIAGNOSTIC

This section can be used to set which loads can be subjected to diagnostic, to control their operating status (advanced actuators only).

X TIF453AV			- = X
File Tools Language ?			
<u>*</u> @₽.9.8.6.₩.			bticino
System 4 zones System 4		Address 1	
4 3 🔿			[12]
Info and errors			
 I 	Project not saved		English "t

The following must be defined in the mask:

- Description
- Enter the description of the load 15 characters max.
- Address
 - Enter the load address.

Energy data

This section can be used to configure the parameters that enable displaying the data (consumption/ production) measured on the system, and displayed in the "Energy data" web page. Several measurement parameters are available:

Meter type	Description	Unit
Electricity	It display the electricity consumed or produced by the system.	Kw
Water	It measures the water consumed.	
4	Connect the meter to a water meter with impulse output.	m³
Gas	It displays gas consumption.	
	Connect the interface to a gas meter with impulse output.	m³
DHW	It measures the hot water consumed.	
	Connect to a hot water meter or to the corresponding impulse output of a heat measurement central unit that can be found in the apartment user modules (in case of central heating).	Kw
Heating/	It displays the calories/frigories measured on the heating/cooling system.	
Cooling	Connect to a meter with heat impulse output (KWh)	Kw

The configuration is the same for all meters.

€ TiF453AV File Tools Language ?					
19 6 33 76 2	_	_			hticina
System 4 zones Not controlled zones External probes Ac conditioning base: Ac conditioni	Description Line 1	Address 1	Unit of measurement Ivw	Economic evaluation Deabled	Type Production
- 2 -	*				[1/2]
info and errora					

The following must be defined in the mask:

- Description
- Enter the description of the object 15 characters max.
- Address
 - Enter the meter address
- Unit of measure Select the unit of measure used to display the consumption.
- Economic evaluation
- Enable/disable the economic evaluation. Enable this function to create a row in the "Tariff setup" where the user can set the tariff to apply to the specific consumption.
- Type
 - Define if the meter is a consumption or a production meter.



The economic evaluation is performed based on the tariff indicated in the "Tariff setup" section.

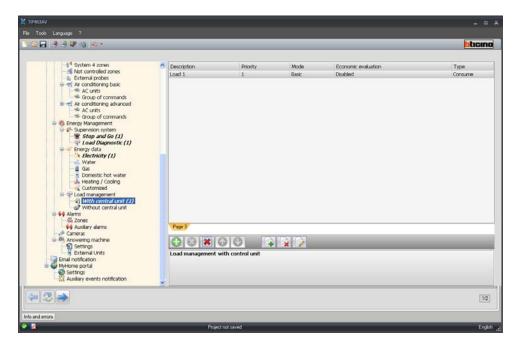


Load management

This section can be used to manage the new Load Management system, to display the status of a load, force the re-activation based on priorities, set the forcing time, and display the consumption.

WITH CENTRAL UNIT

In this mode, in addition to the above listed functions, it is also possible to reset the load.



The following must be defined in the mask:

- Description
- Enter the description of the load 15 characters max.
- Priority
 - Select the load priority
- Mode

Set if this is a basic or an advanced load. In the second case the instantaneous consumption can also be set.

• Economic evaluation

Enable/disable the economic evaluation (Advanced mode only). The tariff is set in the "Tariff setup" section.

WITHOUT CENTRAL UNIT

The configurations for this mode are the same as the "With Central Unit" mode, with the exception of the "Mode" field, which is automatically set to "Advanced".

The object of this function is to display the consumptions of the loads, also without control/forcing.

Alarms

This page is always present and active on the devices.

X TIF453AV		
File Tools Language ?		
· · · · · · · · · · · · · · · · · · ·		bticino
System 4 zones Not controlled zones Stemarting robes Ac unditioning ablanced Security Security Security Stemarting Stemarting Stemarting Stemarting Stemarting Security S		
(4 3 >		1/2
Info and errors		
 1 	Project not saved	English

In this section you can customise the descriptions of zones 1 – 8 of the Burglar-alarm system. The descriptions entered will appear in the messages which the device sends to the Web page every time there is a Burglar-alarm or Technical Alarm event in the system

K TIPASJAV				_ = X
File Tools Language ?				
3 3 3 3 4 3 4.				bticing
System 4 zones Extem j pobes Extem j pobes Extem j pobes At conditioning bala: A conditioning ba	Description IZone 1	Hamber 1	Cimera presence Deubled	
- 2 -				1/2
Info and errors				
· .	Project not save	ed		English _{vit}



When the "**Camera Presence**" field is enabled, if an e-mail is sent by the device following a burglaralarm in the zone, a compressed file (.zip format) is also attached to the message, containing the images (.jpg) recorded by the camera.

Example: if the intrusion sensor is configured with Z=2 (zone 2) it can automatically activate the camera configured in the interface with P=2 (the cameras in the entrance panels are excluded).

In the same way you can enable and customise the descriptions for the 9 auxiliary channels used to signal technical alarms (e.g. you can enable channel **Auxiliary 1** and assign the description "**Gas leak**").



Cameras

In this page the cameras (max 20) in the My Home CCTV system which you want to activate from the "CCTV" function web page can be enabled and configured.

X TIF4S3AV								_ = ×
File Tools Language ?								
🚬 🕲 🔒 🕸 🖓 🛄 🗤 -								bticino
System 4 zones Not controlled zones External probes Ac unditioning advanced Second commands Ac unditioning advanced Second commands S	Description Camera 1	Address O On Private riser	Bightness 50	Contrast 50	Colour 50	Quality 50	Starcase light No	Open gate No
(a) 🕄 🔿								1/2
Info and errors								
Into and errors		Project not saved						English
		the second saved						Citylein ,

In this mask, for each camera it will be necessary to define:

- Description
 - Enter the camera description (max 15 characters)
- Address
 - Click to select the camera address (00 to 99).

	ry System
Address	0
Level	👽 Private riser
Video Door Entry Sys nsert a Video Door Ent	

- Brightness/Contrast/Color/Quality Select the picture setting levels (from 0% to 100%)
- Staircase light presence Enable the staircase light presence
- **Open gate** Enable the open gate presence



Answering machine - settings

The Video door entry answering machine function in the web pages can be enabled and configured in this page.

The following must be defined in the mask:

Answering machine enabling

Enable/disable the video answering machine function.

S 🖬 🔌 4 17 cs 14			bticar
Not controlled zones	Answering machine		
 L External probes 	Answer machine enabling	🕑 Yes	
Ar conditioning basic	Activation auxiliary channel		
Group of commands		I Ires	
- S AC units	Auxiliary activation channel	Channel 1	
Group of commands	Address	11-Private riser	
Supervision system	Presentation message		
	Message	No message configurated	
- Electricity (1)	□ Number of photos		
Water	Number of photos	1 photo	
Domestic hot water Heating / Cooling	😑 Email service		
Customized	Email forward with Ethernet	🖸 No	
With central unit (1) Without central unit Solver alarms Camera (1) Answerg machine Settings			
External Units Email notification Settings Settings Auxiliary events notification	Enabling Select answer machine enabling		
- 2 -			0

Activation auxiliary channel

Enabling the function, a mask is proposed where you can enter the address of the Automation system actuator used to switch ON a "Answering machine active" signal LED. Then select the auxiliary activation Channel used by the control device to activate the "Video

door entry answering machine" locally.

System 4 zones	Answering machine		
 External probes 	Answer machine enabling	Yes	
Air conditioning basic	Activation auxiliary channel		
Group of commands		Ø Yes	
AC units	Auxiliary activation channel	Channel 1	
🖶 💑 Energy Management	Address	11-Private riser	
Supervision system	Presentation message		
Load Diagnostic (1)	Message	No message configurated	
Electricity (1)	Number of photos		

> Click to enter the SCS address.

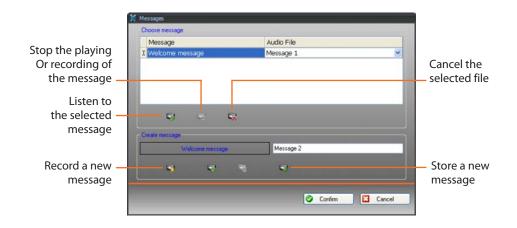
SCS address	
Address	11
А	= 1
PL	- 1
Level	💗 Private riser
TC address	
GCS address Enter the SCS addres	s (A. PL, Level, 13, 14)
	s (A. PL, Level, 13, 14)

Presentation message

Here you can select one of the pre-recorded files (.wav) or record a new message.

₩ TIF4S3AV File Tools Language ?			
			blicing
System 4 zones	Answering machine		
- Mot controlled zones	Answer machine enabling	Ø Yes	
Ar conditioning basic	G Activation auxiliary channel		
Group of commands	Enabling	Q Yes	
Air conditioning advanced	Auxiliary activation channel	Channel 1	
Group of commands	Address	11-Private riser	
Supervision system	Presentation message		
- 🐨 Stop and Go (1) - ♀ Load Diagnostic (1)	Normalia Anno 1997	No message configurated	
Energy data	S Number of photos		
	Number of photos	1 photo	
Gas Domestic hot water	Email service	a (more)	
Heating / Cooling	Email forward with Ethernet	No No	
Pucad management Without central unit (1) Without central unit Sones (1) Conces (1) Gonzes (1) Soneras Canceras Soneras Soneras Soneras Soneras Soneras Soneras			
External Units Emain rotification Melkome portal Settings Auxiliary events notification	Message Choose a message		
-2-			[12]
Info and errors	Project not saved		English

Use the pushbuttons in the window to:





• Number of photos

Select the number of pictures which the video door entry entrance panel camera will send to the device. You can choose from 1 to 16 photographs.

If the "Email service" option is active, the pictures will reach the user as attachments to an email message.

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			[1/2]
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Email service

Enable this service to receive the e-mail message containing the recorded pictures, selecting the Ethernet transmission method.

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B → Air conditioning advanced B → AC units (1)	Enabling	Q Yes	
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Heating / Cooling	Email forward with Ethernet	Ø Yes	
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Entrance panels

In this section up to 10 video door entry system entrance panels can be enabled.

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For each entrance panel enabled you must configure the **Address** and activate the **Camera presence**

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Video Door Entry Sys	



4.4.2 Notification via e-mail

The sending of alarms for notification via email can be enabled in this page.

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Group of commands	SMTP server address		
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Ethernet email enabling

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Group of commands	SMTP server address		
Kenergy Management Supervision system			
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Without central unit	Temperature control diagnostic		
- 1 Zones	Enabling	C off	
Auxiliary alarms Auxiliary al			
External Units (1) Email notification MyHome portal Settings Auxiliary events notification	Enabling Enable the email notification function		
			F

The following must be defined in the mask:

- Enabling
 - Enable/Disable the notification via Ethernet email
- Account name
- Enter the name of account.
- Addressee's email
- Enter the electronic mail address to which the email will be sent
- Sender's email Enter the sender's e-mail address

User guide

TiF453AV

• SMTP server address

Enter the IP address of the mail server in numerical format or in text format (contact the network administration to obtain this information).

• Authentication type, User, Password, Port, Tls, Start tls, Tls trust file Enter the correct parameters of your own e-mail account

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- Favourite commands	Sender's email		
Group of commands	SMTP server address	00	
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Energy data	Password		
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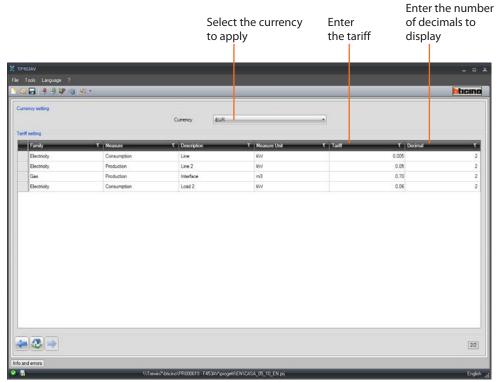
Temperature control diagnosis

Enabling this function, when there is a fault in the Temperature control system a message will be sent to the e-mail address provided.

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5. Tariff settings

On completion of the project configuration, click the forward arrow on the bottom left to set the tariffs that will be applied to the consumptions set in the "Energy management" and "Load management" sections.



Select the currency, and enter the tariff and the number of decimals to display on the web page.



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Installer stamp

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