Manual

TiDisplayColorIP

Software to configure the Colour Touch screen

22°C
bticino

07/10-01 PC

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1. Hardware and Software requirements

Hardware Requirements

- Personal Computer with Pentium processor >400 MHz
- 1 GB RAM
- SVGA graphics card with resolution 800x600
- CD-ROM drive
- Mouse

Software requirements

- Windows XP 32BIT, Windows Vista 32BIT, Windows 7 32BIT
- Microsoft™ framework.NET 3.5

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

Warning: The TiDisplayColorIP is the essential tool for the configuration of the Touch screen. The content of this program is under the exclusive rights of BTicino SpA

2. Installation

Follow this procedure to install the TiDisplayColorIP programme:

1. Insert the CD-ROM in the drive tray;
2. After displaying the main page in the web format, select "Install TiDisplayColorIP";
3. The installation programme will copy the system files necessary for the execution of the TiDisplayColorIP program.

3. Basic concepts

The TiDisplayColorIP software lets you execute the configuration of the Touch screen. Depending on the technician and user's needs, it is possible to begin with a **New project** or to change an existing one.
All the examples in this manual are referred to a **New project**.

Creating a new configuration

- Start TiDisplayColorIP.
- Create a new configuration.
- Send the data to the Touch screen.

Modifying an existing configuration

- Receive the data of the current configuration from the Touch screen.
- Make changes, if required.
- Send the data to the Touch screen.

Warning: for proper software execution, the Touch screen must be installed according to the instructions sheet supplied with the device.

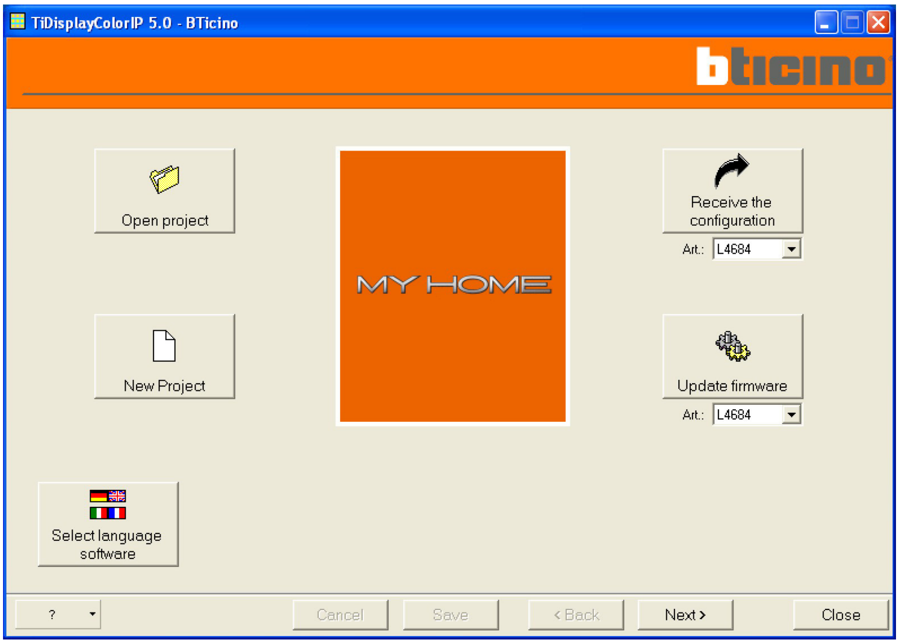
With TiDisplayColorIP, it is also possible to update the firmware version of the Touch screen (Update firmware) with new revisions released by BTicino

3.1. General buttons for selecting functions

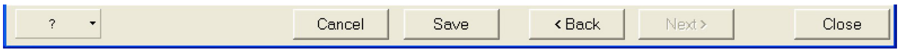
Functions that can be executed with TiDisplayColorIP:

- New Project.
- Open Project.
- Receive the configuration.
- Update Firmware.
- Select language software.

They can be selected with the icons in the opening screen.

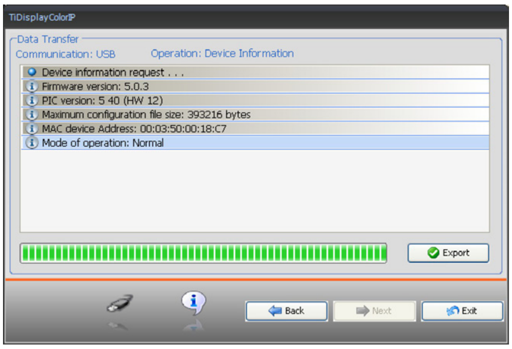

TiDisplayColorIP 5.0 - BTicino
bticino
Open project
MY HOME
Receive the configuration
Art.: L4684
New Project
Update firmware
Art.: L4684
Select language software
?
Cancel
Save
< Back
Next >
Close

Navigation Bar



At the bottom of each page, you will find a navigation bar with the following commands:

- **Cancel**: enables you to return to the main page. A confirmation will be requested. Eventually, you will also be asked to save the configurations of the project in progress.
- **Save**: allows you to save the configurations of the project in progress, even if incomplete.
- **Back**: enables you to go back to the previous page. If you are in the "**Applications to configure**" page, you will go back to the main page following a confirmation request because the operation will cause a loss of the configurations.
- **Next**: enables you to go to the next page. If you are in the initial page, you can create a new empty project.
- **Close**: enables you to exit the programme. Eventually, you will also be asked to save the configurations of the project in progress.
- **?**: Provides information on the software:
  - information on: name and version of the programme.
  - Supported versions: indicates the compatibility of the version being used with the firmware of the Touch screen.
  - Device version: connect the Touch Screen device to the PC, using an Ethernet or USB type connection (see chapter 3.4), to display some device information.



Communication: USB
Operation: Device Information

```
Device information request . . .
Firmware version: 5.0.3
PIC version: 5 40 (HW 12)
Maximum configuration file size: 393216 bytes
MAC device Address: 00:03:50:00:18:C7
Mode of operation: Normal
```

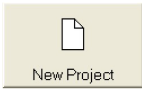
When the commands are grey, it means that they are not available in the current page

Note: the operations described in this chapter also apply to the modification of an existing project opened with the "Open Project" function and to a configuration received from the Touch screen with the "Receive configuration" function.

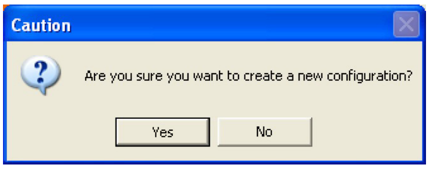
3.2. New Project

Enables you to create a new project.

Press **New project**.


New Project

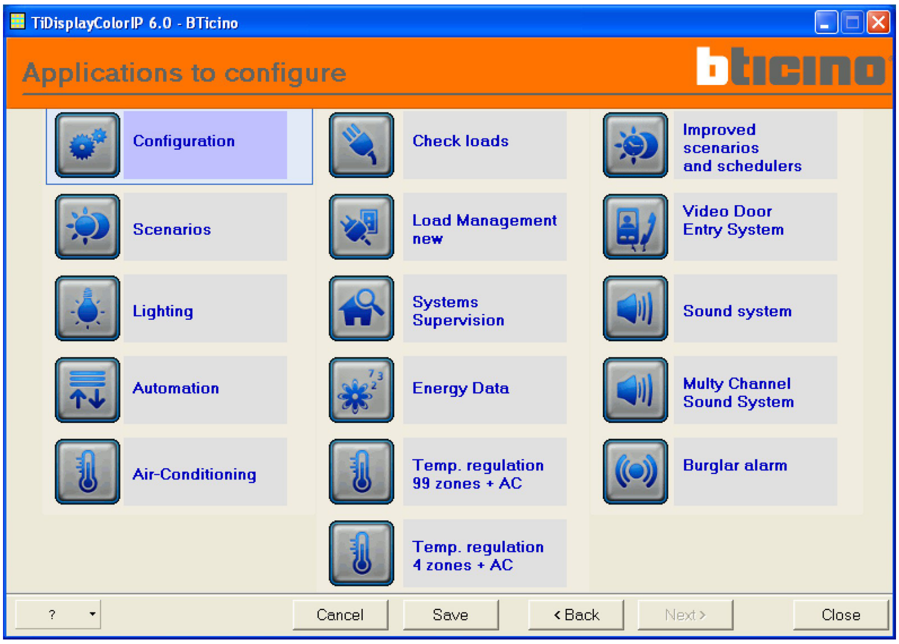
The following will be appear:


Caution
Yes
No

Are you sure you want to create a new configuration?

Click **Yes**

The first page of the project will appear:


TiDisplayColorIP 6.0 - BTicino
Applications to configure
Configuration
Check loads
Improved scenarios and schedulers
Scenarios
Load Management new
Video Door Entry System
Lighting
Systems Supervision
Sound system
Automation
Energy Data
Multy Channel Sound System
Air-Conditioning
Temp. regulation 99 zones + AC
Burglar alarm
Temp. regulation 4 zones + AC
?
Cancel
Save
‹ Back
Next ›
Close

3.3. Open Project

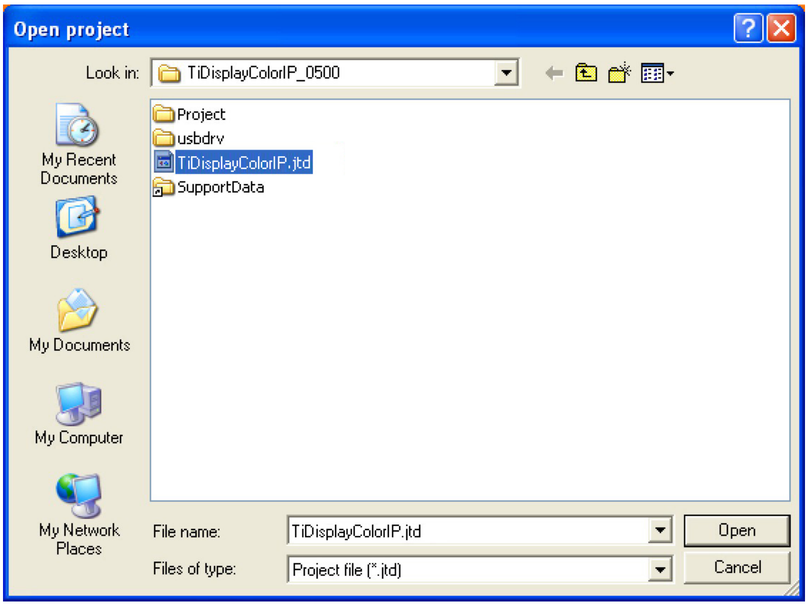
It lets you load a project, which was previously created and then stored in the PC, in the TiDisplayColorIP programme. The project can now be:

- Modified and saved in the PC (ready for next Download).
- Modified and then downloaded in a Touch screen.
- Downloaded in a Touch screen without being modified.

Click **Open project**

Open project

The following will appear:


Open project
My Recent Documents
Desktop
My Documents
My Computer
My Network Places
Open
Cancel

Look in: TiDisplayColorIP_0500

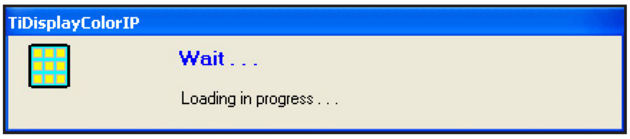
Project
usbdrv
TiDisplayColorIP.jtd
SupportData

File name: TiDisplayColorIP.jtd

Files of type: Project file (*.jtd)

Select the project file (. jtd) you want to import the configuration from. Project files, too, created with a previous version of TiDisplayColorIP or with the black/white Touch screen application (TIDISPLAY), can be opened and used.

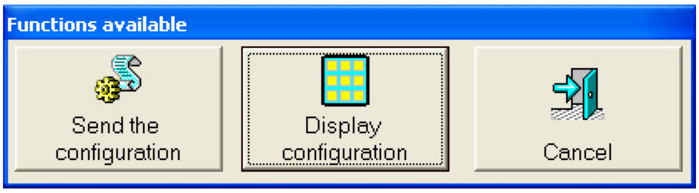
Click **Open**.


TiDisplayColorIP

Wait . . .

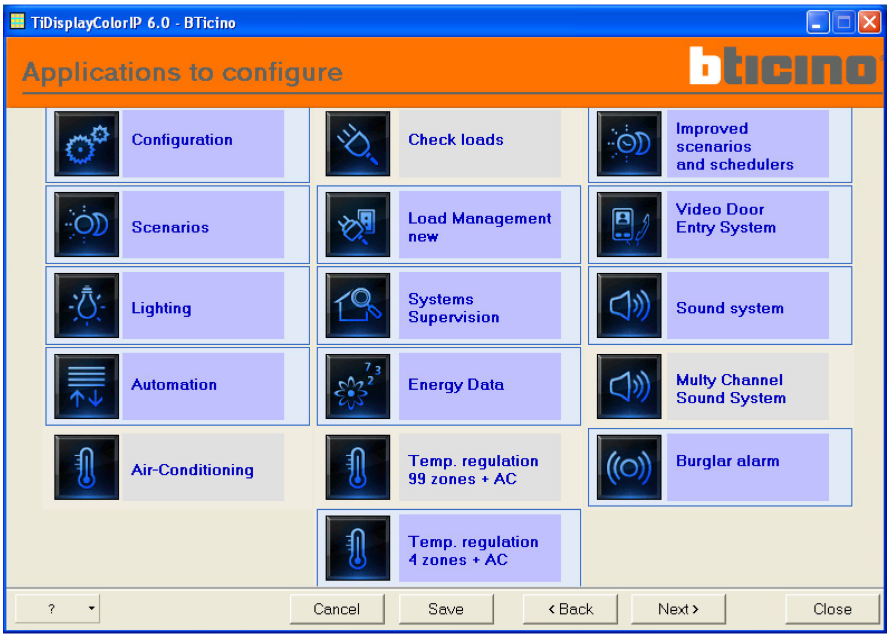
Loading in progress . . .

If the project is complete, the following window will appear:


Functions available
Send the configuration
Display configuration
Cancel

Click **Send** to download the configuration on the Touch screen or **Display** to view the configuration. If the project is not complete, or it is an old project, the first page will be immediately displayed.

Click on Display Configuration to **view the configuration** (project).


TiDisplayColorIP 6.0 - BTicino
Applications to configure
bticino
Configuration
Check loads
Improved scenarios and schedulers
Scenarios
Load Management new
Video Door Entry System
Lighting
Systems Supervision
Sound system
Automation
Energy Data
Multy Channel Sound System
Air-Conditioning
Temp. regulation 99 zones + AC
Burglar alarm
Temp. regulation 4 zones + AC
?
Cancel
Save
< Back
Next >
Close

From now on, it is possible to modify the loaded project.
The modification procedures are described in chapter 4 and subsequent sections.

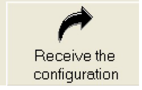
3.4. Receive configuration

Lets you receive the current configuration of the device importing it into a PC in order to change it. It is not possible to receive the configuration from the black/white Touch screens, but it is possible to do it with the appropriate application (TIDISPLAY), thus saving the project and opening it with TiDisplayColorIP.

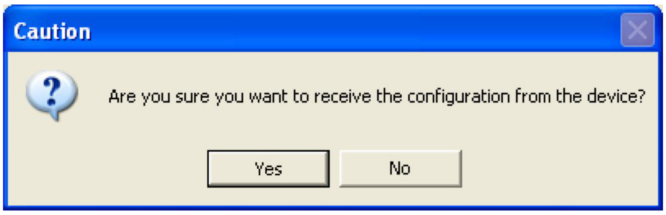
Procedure:

- Connect the device to a PC as described in paragraph 3.7.

- Click **Receive the configuration**.


Receive the configuration

The following will appear:


Caution
Yes
No

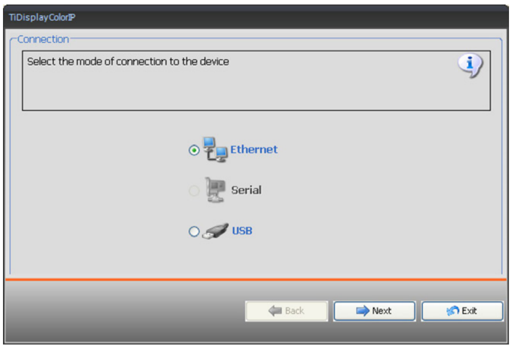
Are you sure you want to receive the configuration from the device?

Click **No** to end the function.

Click **Yes** to execute the function.

Click "**Yes**" to display the window where the mode of connection to the item can be selected. The configuration can be downloaded to the device using two different types of connection:

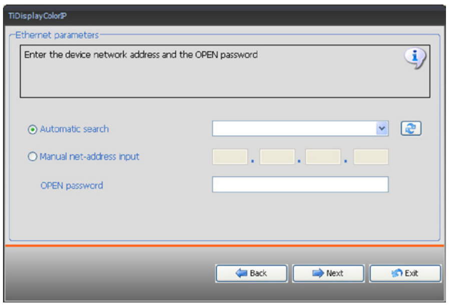
- **Ethernet**: by entering the network address, or by automatic search;
- **USB**: through automatic detection of the items connected, or by manual selection.


TiDisplayColorIP
Connection
Ethernet
Serial
USB
Back
Next
Exit

Select the mode of connection to the device

● Ethernet

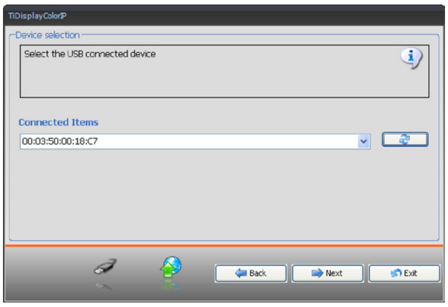
Ethernet


TiDisplayColorIP
Ethernet parameters
Automatic search
Manual net-address input
OPEN password
Back
Next
Exit

Enter the device network address and the OPEN password

● Automatic search

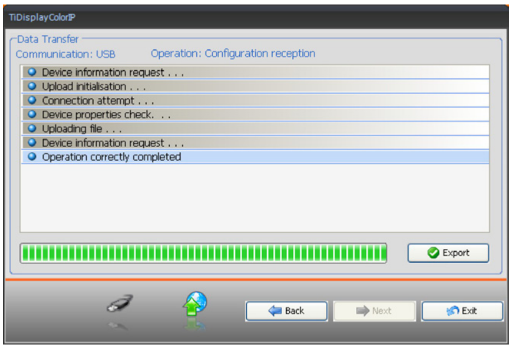
USB


TiDisplayColorIP
Device selection
Back
Next
Exit

Select the USB connected device

Connected Items: 00:03:50:00:18:C7

After selecting the desired mode, click Next to start receiving the configuration on the device.



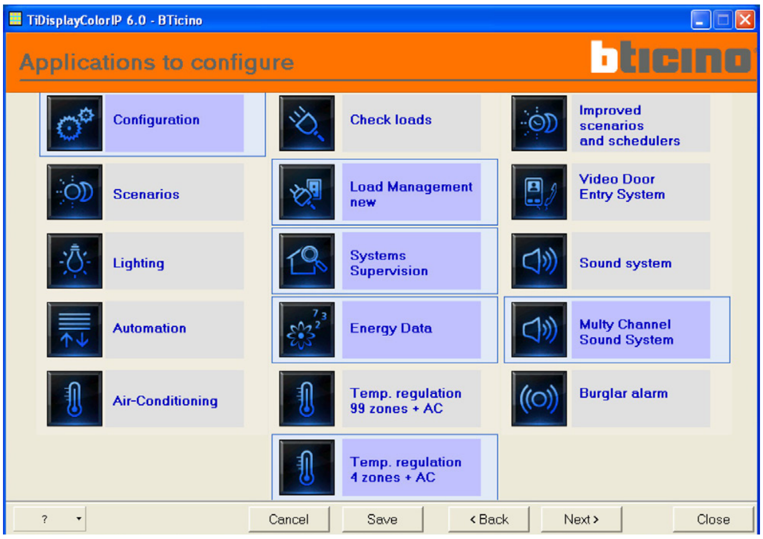
TiDisplayColorIP
Data Transfer
Export
Back
Next
Exit

Communication: USB

Operation: Configuration reception

```
Device information request . . .
Upload initialisation . . .
Connection attempt . . .
Device properties check.  . .
Uploading file . . .
Device information request . . .
Operation correctly completed
```

Once the operation has been completed, click Exit to display the configuration.
The configuration can be changed using the procedure outlined in chapter 4 and in the subsequent ones.



TiDisplayColorIP 6.0 - BTicino
Applications to configure
bticino
Configuration
Check loads
Improved scenarios and schedulers
Scenarios
Load Management new
Video Door Entry System
Lighting
Systems Supervision
Sound system
Automation
Energy Data
Multy Channel Sound System
Air-Conditioning
Temp. regulation 99 zones + AC
Burglar alarm
Temp. regulation 4 zones + AC
?
Cancel
Save
< Back
Next >
Close

3.5. Update Firmware

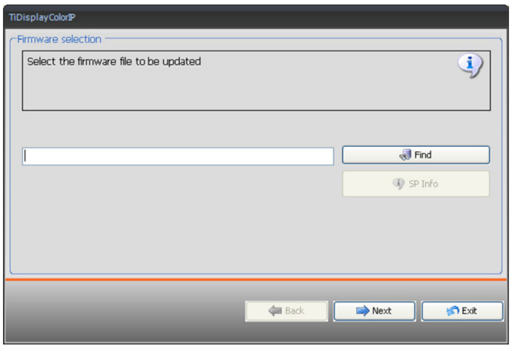
Lets you update the Touch screen firmware.

Procedure:

- Connect the device to a PC as described in paragraph 3.7.
- Click **Update firmware**.

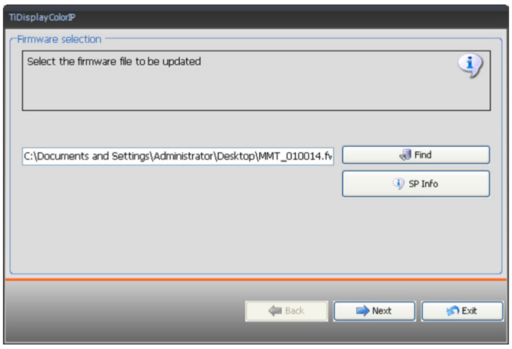
Update firmware

The following window appears:


TiDisplayColorIP
Firmware selection
Find
SP Info
Back
Next
Exit

Select the firmware file to be updated

Click Find to select and open the firmware update file (.fwz).


TiDisplayColorIP
Firmware selection
Find
SP Info
Back
Next
Exit

Select the firmware file to be updated

C:\Documents and Settings\Administrator\Desktop\MMT_010014.fv

Click Next to display a screen where the user can select the type of connection to the device (for the connection procedure see chapter 3.4.).

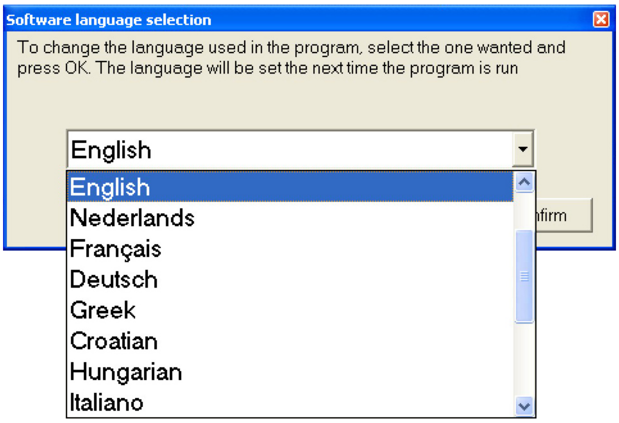
3.6. Select language software

Lets you choose the language needed to use the TiDisplayColorIP software.

Click **Select language software**

Select language software

The following screen will appear

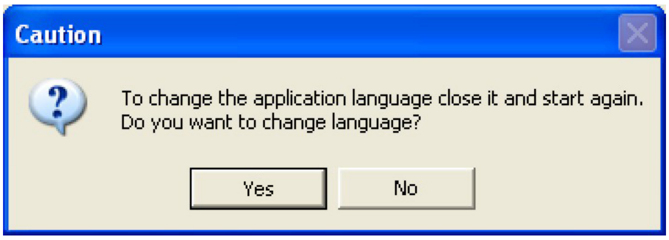

Software language selection

To change the language used in the program, select the one wanted and press OK. The language will be set the next time the program is run

English
English
Nederlands
Français
Deutsch
Greek
Croatian
Hungarian
Italiano
nfirm

If you do not want to change the software language, click **Cancel**. If you want to change the language, select it by clicking on its button and then press **Confirm**.

You will be asked to confirm the selection with the following message::


Caution

To change the application language close it and start again.
Do you want to change language?

By confirming the selection, the software will be terminated, hence it will be possible to use TiDisplayColorIP again after a normal reboot.

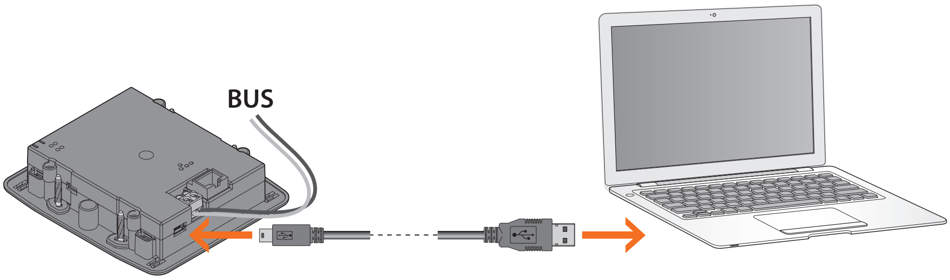
After reboot, the software will use the language selected in the previous section.

3.7. Connecting the Touch screen to a PC

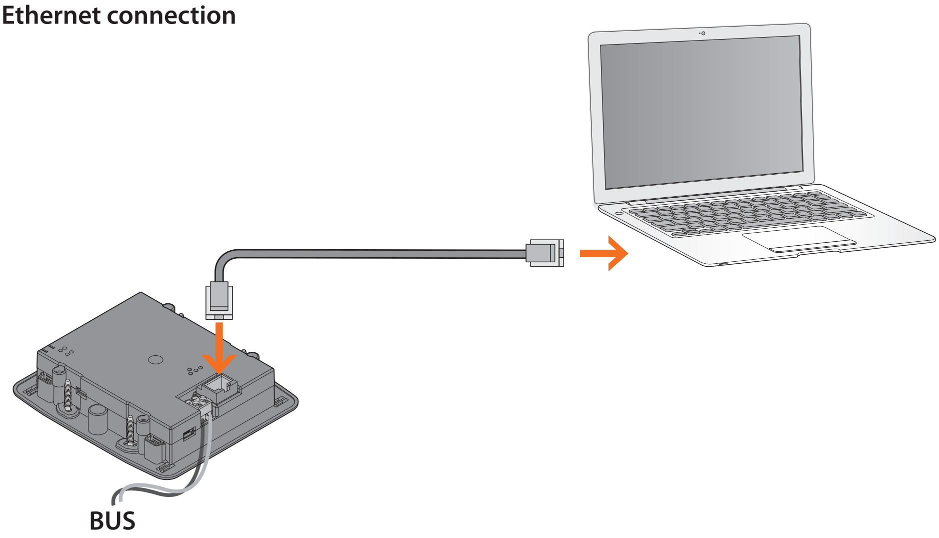
To: **Send the configuration, Receive the configuration, and Update the firmware,** the device must be connected to a PC.

To connect the device to a PC either use a USB-miniUSB cable, or Ethernet connection with crossover cable (or Switch connection).

USB connection



Ethernet connection



To ensure that communication is successful, Touch Screen must be on and it must be connected to the BUS.

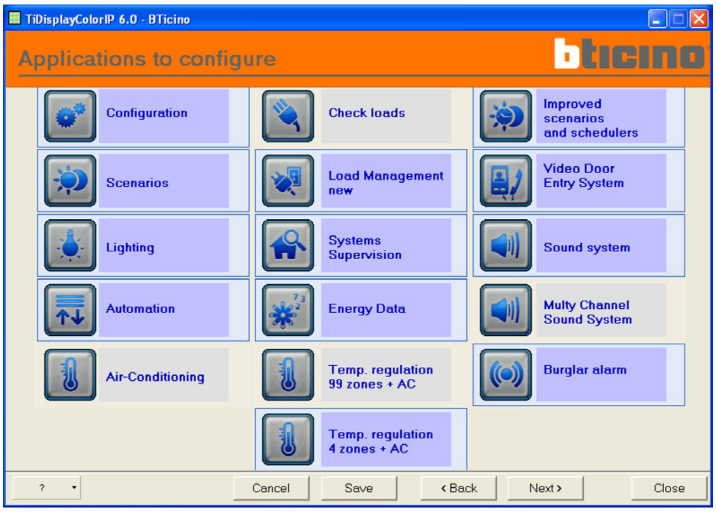
The **New project and Open project** functions may be used without the need to connect the PC to the Touch Screen.

4. Creating a new project

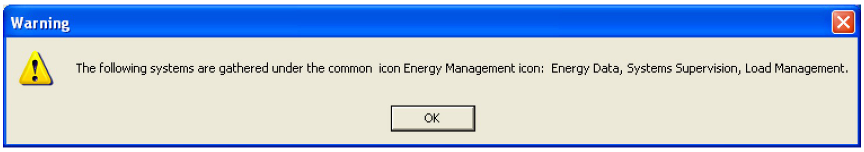
The first operation to be completed is to select the applications that need to be controlled with the Touch screen. The page contains the icons of the 7 selectable applications.
The first icon "**Configuration**" cannot be excluded from the application selection and is in fact already selected. This function will be enabled on the Touch screen, allowing the user to configure it, by adjusting date and time, activating the alarm clock etc.

4.1. Applications to configure

It is now necessary to select the applications; click the ones you need to manage. The icons of the selected systems remain highlighted.
The icons of the selected systems can also be unselected with one mouse click.

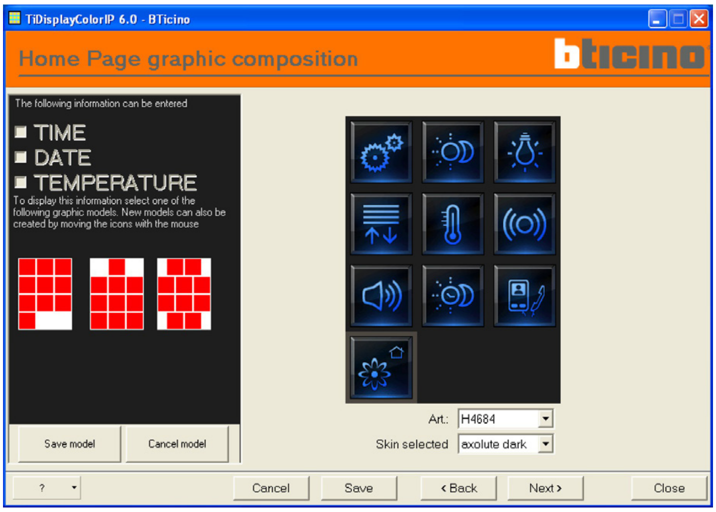

TiDisplayColorIP 6.0 - BTicino
Applications to configure
bticino
Configuration
Check loads
Improved scenarios and schedulers
Scenarios
Load Management new
Video Door Entry System
Lighting
Systems Supervision
Sound system
Automation
Energy Data
Multy Channel Sound System
Air-Conditioning
Temp. regulation 99 zones + AC
Burglar alarm
Temp. regulation 4 zones + AC
?
Cancel
Save
‹ Back
Next ›
Close

When you have finished selecting, load the systems by clicking on the **Next** button or click **Back** to return to the previous screen.
If at least two, or all three applications **Loads management new, Systems supervision** or **Energy data** have been selected, they will automatically appear under the icon (**Energy Management**). Clicking "**Next**" will cause the application grouping confirmation message to be displayed.



The following systems are gathered under the common icon Energy Management icon: Energy Data, Systems Supervision, Load Management.

Click "**OK**" to display:


TiDisplayColorIP 6.0 - BTicino
Home Page graphic composition
bticino

The following information can be entered
- TIME
- DATE
- TEMPERATURE

To display this information select one of the following graphic models. New models can also be created by moving the icons with the mouse

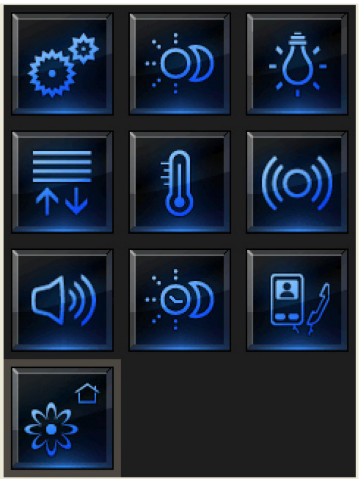
Art.: H4684
Skin selected axolute dark

Save model
Cancel model
?
Cancel
Save
‹ Back
Next ›
Close

Skin of selected icons

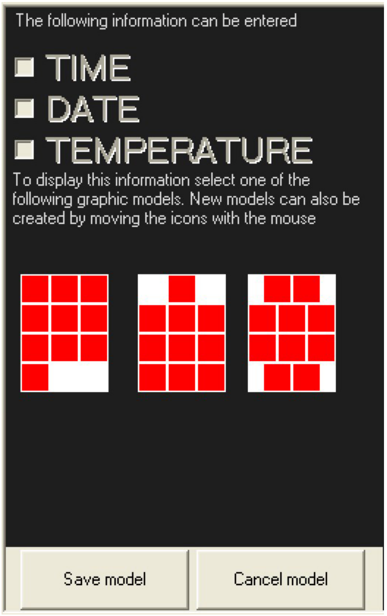
- Select the item to be configured and then select the style of the icons (skin) you want to use from those proposed.

The page is divided into two frames.
The right frame "Area DISPLAY" represents the Touch screen.



It contains the icons representing the previously selected systems.

The left frame "Area ITEM" contains additional selectable information.



The following information can be entered

☐ TIME

☐ DATE

☐ TEMPERATURE

To display this information select one of the following graphic models. New models can also be created by moving the icons with the mouse

Note: the temperature function can be selected only if there is a My Home temperature control system installed

Therefore, in this screen, it is possible to select the additional information, which will be proposed in the main page of the Touch screen.
The top part of the ITEM Area indicates the additional information available: **time, date, temperature**, which will be enabled depending on the available space on the display; choose one of the proposed graphic models to display this information (after selecting it).
At the bottom part of the ITEM area, composition (models) solutions will be proposed for the Touch screen page in which the red squares refer to the icons; the additional information is represented by rectangles. When you click on one of them, you will notice that the composition (icon arrangement) in the DISPLAY Area will become the same as the one selected.

Note: since there must always be a composition, it is not possible to eliminate all proposed compositions.

Compositions can also be removed from the ITEM area. To do so, select the composition you want to eliminate (the icons will take the relevant position in the DISPLAY Area) and then press **Cancel model.**

Icon arrangement in the DISPLAY area.
The icons inside the DISPLAY area can be moved by left-clicking them. Hold down the key to drag them in the required position.
The icons can be:

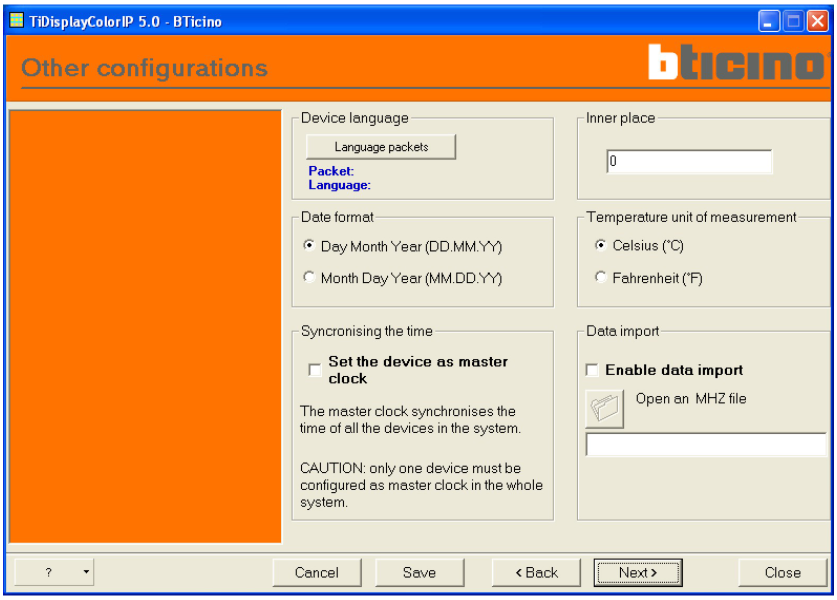
- moved to a free space.
- swapped with other icons. To do so, perfectly overlap the icon "hooked" to the one you want to swap position with. When the icon is perfectly overlapped, its bottom part will be **white**. If it is **red**, it means that it is not perfectly overlapped, hence when it is dropped, the icon returns to its initial place.

This personalised composition can also be saved and used for other projects by clicking on **Save model**.

When you have finished the composition procedure, click **Next** to continue or **Back** to return to the previous screen.

4.2. Other configurations

Click "**Next**" to set some Touch Screen configurations:



Device language
Packet:
Language:

Inner place
0

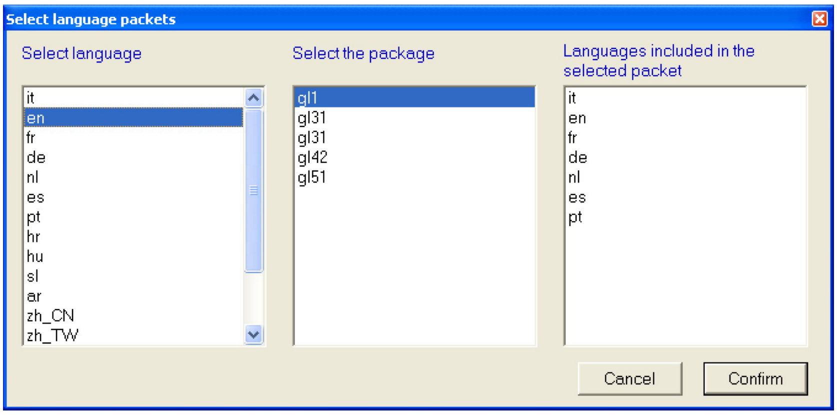
Date format
● Day Month Year (DD.MM.YY)
○ Month Day Year (MM.DD.YY)

Temperature unit of measurement
● Celsius (°C)
○ Fahrenheit (°F)

Syncronising the time
☐ **Set the device as master clock**
The master clock synchronises the time of all the devices in the system.
CAUTION: only one device must be configured as master clock in the whole system.

Data import
☐ **Enable data import**
Open an MHZ file

Device language: click the Language packets button to display a screen for the selection of the language (among those available) used by Touch Screen when sending the configuration.



Select language
it
en
fr
de
nl
es
pt
hr
hu
sl
ar
zh_CN
zh_TW

Select the package
gl1
gl31
gl31
gl42
gl51

Languages included in the selected packet
it
en
fr
de
nl
es
pt

Handset: enter the handset number (the "Handset" field is only active if video handsets has been selected in the previously activated applications).

Date format: select the format in which the date must be displayed on Touch Screen (Day Month Year / Month Day Year).

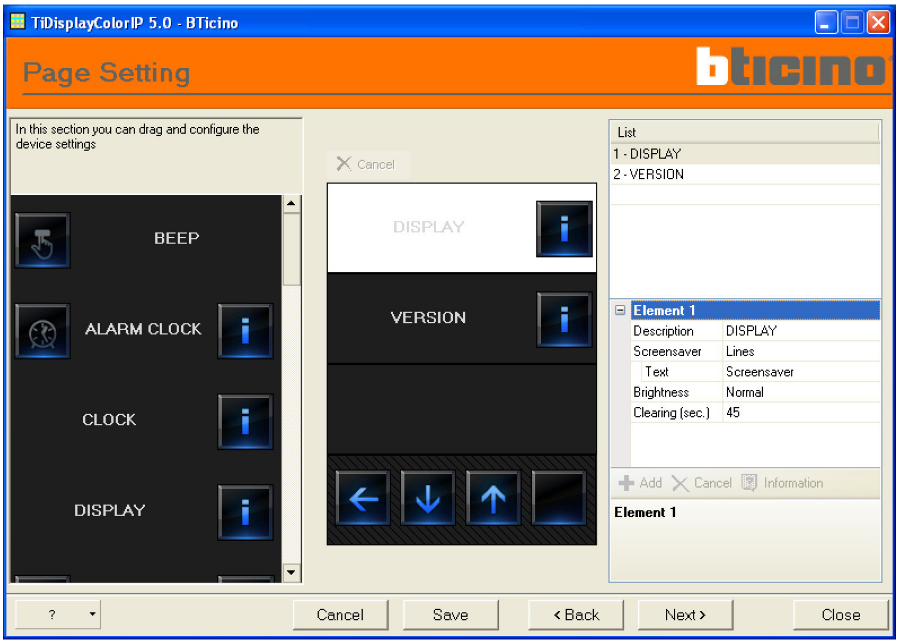
Temperature format: select the format for displaying the temperature on Touch Screen (°C / °F).

Time synchronisation: The device set as Master Clock sends the time update to all devices within the My Home system fitted with a clock. For this function to operate correctly, it is important that only one device is set as Master Clock.

Select Master to configure the Touch Screen device as the system Master Clock for the whole system.

If you click Next, a screen will appear and will let you assign the commands, which will be actually used, to the previously included applications. The displayed screen depends on the loaded applications. The first proposed personalisation will always be the one used for the settings.

4.3. Page Setting



TiDisplayColorIP 5.0 - BTicino
Page Setting
bticino
Cancel
BEEP
ALARM CLOCK
CLOCK
DISPLAY
VERSION
List
Add
Cancel
Information
?
Cancel
Save
< Back
Next >
Close

In this section you can drag and configure the device settings

1 - DISPLAY
2 - VERSION

Element 1

Description	DISPLAY
Screensaver	Lines
Text	Screensaver
Brightness	Normal
Clearing (sec.)	45

Element 1

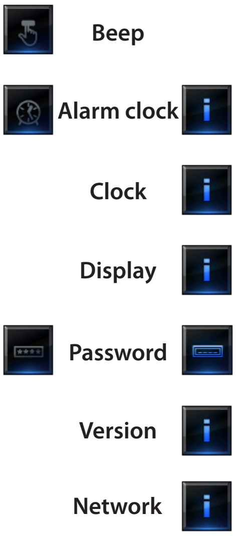
The screen is divided into 3 frames.

- The ITEM area, on the left, contains the icons of the settings to be configured.
- The DISPLAY area, in the middle, represents the Touch screen.
- The CONFIGURATION Area, on the right, is the frame in which the preferred configurations are executed (selected settings).

In addition to the required elements (Contrast, Calibration, Version), already included in the DISPLAY area, it is possible to select or drag (maximum 3 times) the ALARM CLOCK setting, whereas all the other settings can be selected only once.

To select the setting you want to customise, click on it in the DISPLAY area (if necessary, use the arrows) or click the element in the list of the Configuration area.

⚠ The burglar alarm division functions and the management of the systems with logical extension can be executed only if the SCS/SCS interface (Item F422) is produced after November 2006; the variation is identified by a label with VIRT written on it.



Beep
Alarm clock
Clock
Display
Password
Version
Network

The bottom part of the CONFIGURATION area proposes the customisation elements regarding the selected setting.

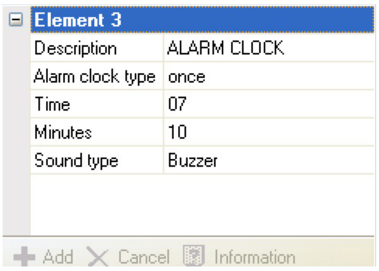
Configuration

Beep

- Double-click the field on the right side of **Sound** and select the required option (enabled/disabled).

Alarm clock

- The field **Description** can be customised by double-clicking ALARM CLOCK.
- Click the field on the right side of **alarm clock Type** and select the required option (once/always/mon-fri/sat-sun).
- Click the field on the right side of the option **Time** and select the activation time of the alarm clock (00/23).
- Repeat the procedure to set the **Minutes**.
- Click to set the **Sound type** (Buzzer/Sound system). If the Sound system is selected, the "Sound System Page" must be configured now. If the configuration of this page is not performed, the alarm will not activate.



Element 3

Description	ALARM CLOCK
Alarm clock type	once
Time	07
Minutes	10
Sound type	Buzzer

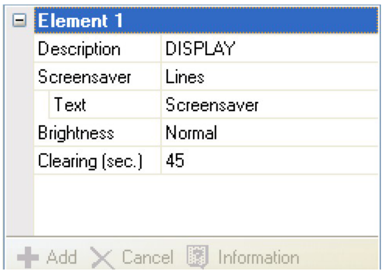
Clock

- By dragging/selecting this setting, you will then be able to set the clock directly from the Touch screen.

Display

- Allows, in the **Description** field, to personalize the name, the type of **Screensaver**, the text of the screensaver, the level of display **Brightness** and the display disabling time (in seconds) for cleaning operations.

⚠ **Warning:** The Calibration, Contrast and Version parameters must be entered.



Element 1

Description	DISPLAY
Screensaver	Lines
Text	Screensaver
Brightness	Normal
Clearing (sec.)	45

Password

- Double-click the field on the right side of the option Password and type in the secure password authentication (max 5 numbers). If no character is entered, the password will be disabled.

Version

- This setting is fixed and lets you display the installed firmware version on the Touch screen; it is possible to customise its name in the field Description.

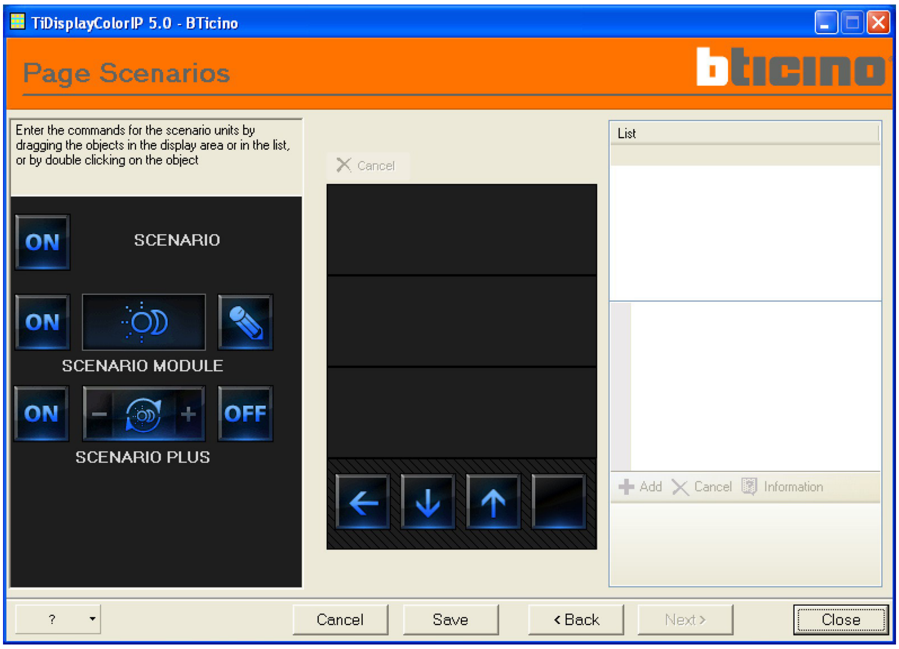
Network

- This setting allows, in the **Description** field, to personalize the name and, in the **Enabling** field, to choose whether the network function should be **Enabled** or **Not enabled**.

4.4. Scenario Page

If the scenario icon has been previously included, the following screen will appear.

Warning: The **SCENARIO PLUS function is intended for the Lighting Management section.**


TiDisplayColorIP 5.0 - BTicino
Page Scenarios
bticino
ON
SCENARIO
ON
SCENARIO MODULE
ON
–
+
OFF
SCENARIO PLUS
Cancel
List
Add
Cancel
Information
?
Cancel
Save
‹ Back
Next ›
Close

Enter the commands for the scenario units by dragging the objects in the display area or in the list, or by double clicking on the object

Note: an icon can be dragged into the DISPLAY area; or, by double clicking the mouse, it can be queued to the existing ones or dragged into the right area of the List section

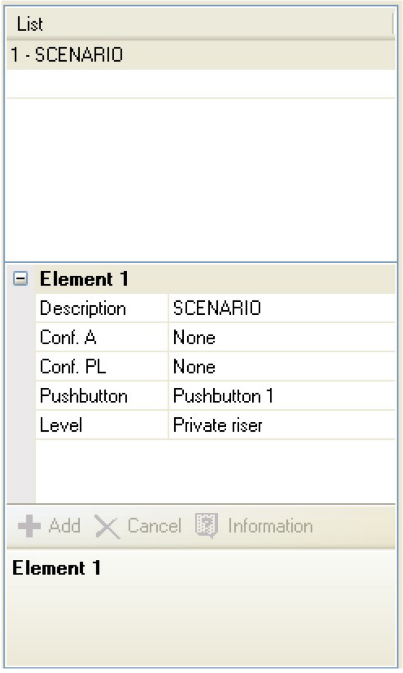
The screen is divided into 3 frames.

- The ITEM area, on the left, contains the icon of the scenarios that can be configured.
- The DISPLAY area, in the middle, represents the Touch screen.
- The CONFIGURATION Area, on the right, is the frame in which you can execute, on the selected scenarios, the configurations so as to associate them with a specific scenario unit of the automation system..

Note: the options of the list appearing in the top box can be re-ordered by clicking on the line, thus dragging it into the required position.

It is possible to set up to 20 scenarios by repeatedly dragging the icons in the ITEM area into the DISPLAY Area or into the CONFIGURATION Area.
Follow the indications below to customise each single scenario.
To select the scenario you want to customise, click on it in the DISPLAY area (if necessary, use the arrows) or click the element in the list of the CONFIGURATION Area.

The bottom part of the CONFIGURATION Area proposes the customisation and configuration elements regarding the selected scenario.

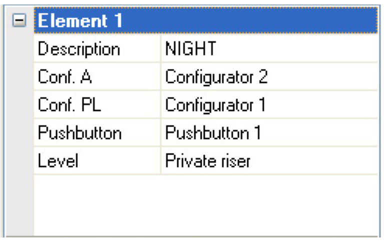


Element 1

Description	SCENARIO
Conf. A	None
Conf. PL	None
Pushbutton	Pushbutton 1
Level	Private riser

Scenario Configuration (associating a scenario unit or a scenario module and its button with the night scenario)

- Double-click the field on the right side of the option **Description** and rename: e.g. night. The text entered will be displayed.
- Now select **Conf. A**, which will be enabled. In fact, an arrow will appear which, after selecting it, will propose a series of configurators that can be associated from 0 (none) to 9 (configurator 9). Select the one which corresponds to configurator A in the scenario unit you want to associate.
- Repeat the same procedure for **Conf. PL** and select the one which corresponds to configurator PL in the scenario unit you want to associate.
- Select **Pushbutton** and choose, from those proposed, the corresponding one in the scenario unit or in the scenario module (in this case, the one corresponding to the night scenario). The scenario module lets you store up to 16 scenarios.
- Repeat the same procedure for **Level** and select the associated level (private riser = level 3 or Local Bus = level 4). If you select Level = Bus, the Interface field will appear. In this case, select **Interface** to assign the address of the interface of the logical expansion in which the scenario unit or scenario module is situated. **Interface** address that can be associated from 1 (interface 1) to 9 (interface 9).
- The configuration must be completed for all the inserted elements, otherwise the program will not let you go to the next stage, thereby notifying the error (this condition applies to all stages of the project).



Element 1

Description	NIGHT
Conf. A	Configurator 2
Conf. PL	Configurator 1
Pushbutton	Pushbutton 1
Level	Private riser

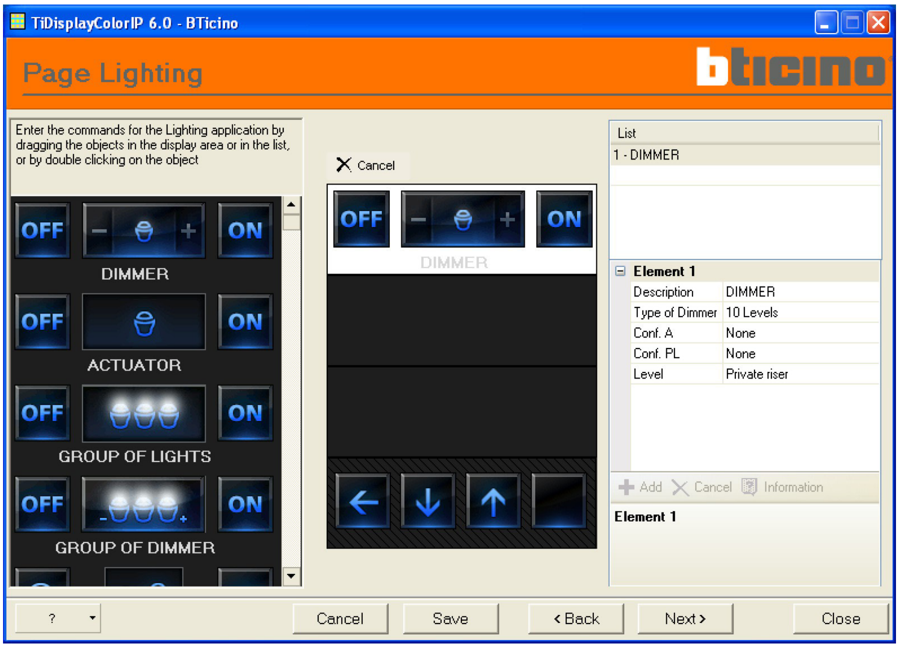
If you want to eliminate a scenario:

- Click on it in the DISPLAY Area.
- Click the **Cancel** button placed above the DISPLAY Area.
- The scenario will be eliminated.

When you have finished configuring the scenarios, click **Next** to go to the next customisation or **Back** to return to the previous screen.

4.5. Lighting Page

If the lighting icon has been previously included, the following screen will appear.


TiDisplayColorIP 6.0 - BTicino
Page Lighting
OFF
ON
DIMMER
ACTUATOR
GROUP OF LIGHTS
GROUP OF DIMMER
Cancel
Add
Cancel
Information
?
Cancel
Save
< Back
Next >
Close

Enter the commands for the Lighting application by dragging the objects in the display area or in the list, or by double clicking on the object

List
1 - DIMMER

Element 1

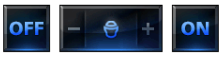
Description	DIMMER
Type of Dimmer	10 Levels
Conf. A	None
Conf. PL	None
Level	Private riser

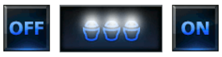
Element 1

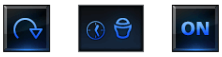
The screen is divided into 3 frames.

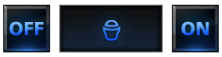
- The ITEM area, on the left, contains the icons available for the lighting application controls.
- The DISPLAY area, in the middle, represents the Touch screen.
- The CONFIGURATION Area, on the right, is the frame in which you can execute, on the selected scenarios, the configurations so as to associate them with a light control or light point.

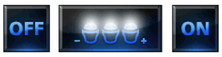
Available controls:

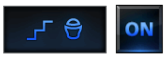

DIMMER

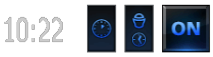

LIGHTS ASSEMBLY


TIMED LIGHT


ACTUATOR


DIMMER ASSEMBLY


STAIRCASE LIGHT

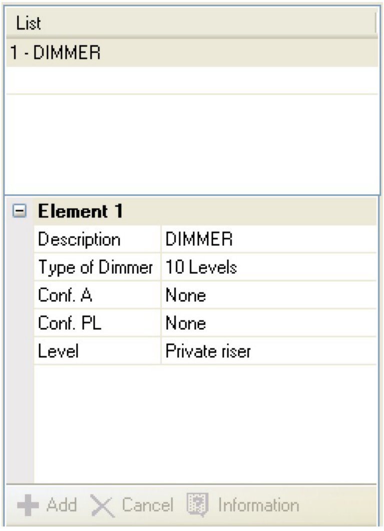


FIXED TIMED LIGHT

After dragging the icon of the command into the display (up to a maximum of 20 controls), follow the indications below to customise and configure the commands.

To select the command you want to customise, click on it in the DISPLAY area (if necessary, use the arrows) or click the element in the list of the CONFIGURATION Area.

The bottom part of the CONFIGURATION Area proposes the customisation and configuration elements regarding the selected icons.



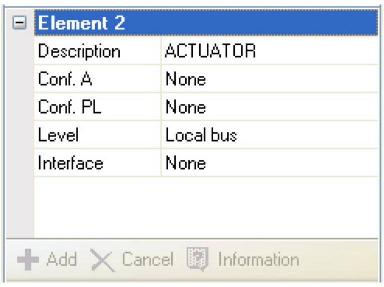
List
1 - DIMMER

Element 1

Description	DIMMER
Type of Dimmer	10 Levels
Conf. A	None
Conf. PL	None
Level	Private riser

Configuration of **Actuator** and **Staircase light**

- Double-click the field on the right side of the option **Description** and rename: e.g. TV ZONE. The text entered will be displayed.
- Now select **Conf. A** (**Conf. P1** for Staircase light) which will be enabled. In fact, an arrow will appear which, after selecting it, will propose a series of configurators that can be associated from 0 (none) to 9 (configurator 9). Select the one which corresponds to configurator A in the control device (dimmer, actuator, etc.) you want to associate.
- Repeat the same procedure for **Conf. PL** (**Conf. P2** for Staircase light) and select the one which corresponds to configurator PL in the control device (dimmer, actuator, etc.) you want to associate.
- Repeat the same procedure for **Level** and select the associated level (private riser = level 3 or Local Bus = level 4).
  If you select Level = Bus, the **Interface** field will appear.
  In this case, select **Interface** to assign the address of the interface of the logical expansion in which the actuator is situated. Interface address that can be associated from 1 (interface 1) to 9 (interface 9).



Element 2

Description	ACTUATOR
Conf. A	None
Conf. PL	None
Level	Local bus
Interface	None

Dimmer Configuration

This type of item lets you control a light point with a dimmer.

Configure as described below:

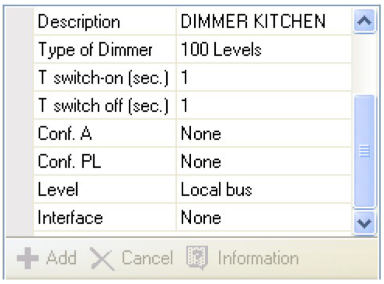
- Double-click the field on the right side of the option **Description** and rename: for example, kitchen Dimmer
- Double-click the field on the right side of the option **Type of Dimmer** and select the type of dimmer (10 levels or 100 levels).

If you select Type of dimmer = 100 levels, the following will appear:

> - **T switch-on:** it is the time taken by the dimmer to go from 0 to 100, expressed in seconds (from 1 to 254)
>
> - **T switch-off:** it is the time taken by the dimmer to go from 100 to 0, expressed in seconds (from 1 to 254)

Now start configuring:

- Now select **Conf. A**; an arrow will appear which, after selecting it, will propose a series of configurators that can be associated from 1 (configurator 1) to 9 (configurator 9). Select the one which corresponds to configurator A in the control device you want to associate.
- Now select **Conf. PL** and select the one which corresponds to configurator PL in the control device you want to associate.
- Repeat the same procedure for **Level** and select the associated level (Private riser = level 3 or Local Bus = level 4). If you select Level = Bus, the Interface field will appear. In this case, select **Interface** to assign the address of the interface of the logical expansion in which the dimmer is situated. **Interface** address that can be associated from 1 (interface 1) to 9 (interface 9) for dimmer 100, whereas for dimmer 10 the Interface address that can be associated goes from 1 (Interface) to 9 (interface 9).



Description	DIMMER KITCHEN
Type of Dimmer	100 Levels
T switch-on (sec.)	1
T switch off (sec.)	1
Conf. A	None
Conf. PL	None
Level	Local bus
Interface	None

Configuration of the **light group**
(associating several control devices)

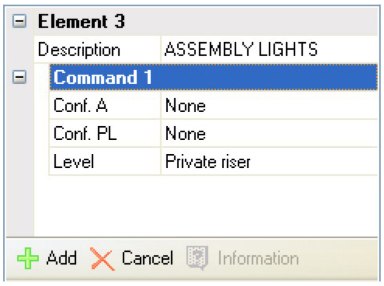
This item can be used to control several light points at the same time, setting either point-by-point controls, controls for light groups and environment, or for setting general controls.

For the configuration proceed as follows:

- Double click the field on the right of the **Description** option, and enter a new name: CELLAR AND BOX.
- It is now necessary to enter in the CONFIGURATION area all commands (command 1, command 2, etc,) that will activate once the "CELLAR AND BOX" icon is touched on the device: to enter a new command click **Add**.
- To remove existing commands, select the light point to remove (e.g. command 1) and click **Remove**.

Once all commands have been defined, continue with the configuration:

- In the CONFIGURATION area select **Conf. A**. An arrow appears. Select the arrow to display a list of possible configurations that may be associated, from 1 (configurator 1) to 9 (configurator 9). In addition, differently to the precedent commands, the AMB, GRP and GEN configurators will also appear. Select the one corresponding to the configurator A on the device to be controlled.
- Repeat the same procedure for **Conf PL** and select the one corresponding to the configurator entered in **PL** on the device to be controlled.
- Repeat the same operation for **Level** and select the level it belongs to (Private riser = level 3, or Local Bus = level 4).
  If Level = Local Bus is selected, the **Interface** field appears.
  In this case select **Interface** to assign the logic expansion interface address where the object to control is located. Interface addresses from 1 (interface 1) to 9 (interface 9) can be associated..
- Repeat the operation for all the commands added.



Element 3

Description	ASSEMBLY LIGHTS
Command 1	
Conf. A	None
Conf. PL	None
Level	Private riser

Dimmer Assembly configuration

This type of item lets you control several light points at the same time with a dimmer.

Configure as described below:

- Double-click the field on the right side of the option **Description** and rename: for example “living room lights”.
- Double-click the field on the right side of the option **Type of Dimmer** and select the type of dimmer (10 levels or 100 levels).

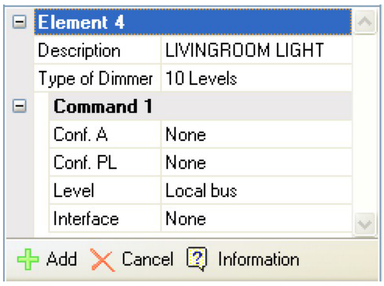
Now, in the CONFIGURATION Area, enter all the controls (control 1, control 2, etc.) you need to enable when the “LIVING ROOM LIGHTS” icon will be touched on the device: click **Add** to enter a new control**.**

To remove previously-entered controls, select the light point you want to remove and then press **Cancel**.
Configure the controls as described below:
If you selected Type of dimmer = 100 levels, the following will appear:

- **T switch-on**: it is the time taken by the dimmer to go from 0 to 100, expressed in seconds (from 1 to 254)
- **T switch-off**: it is the time taken by the dimmer to go from 100 to 0, expressed in seconds (from 1 to 254)

Procedere ora alla Now start configuring:

- Now select **Conf. A**; an arrow will appear which, after selecting it, will propose a series of configurators that can be associated from 1 (configurator 1) to 9 (configurator 9). Select the one which corresponds to configurator A in the control device you want to associate.
- Now select **Conf. PL** and select the one which corresponds to configurator PL in the control device you want to associate.
- Repeat the same procedure for **Level** and select the associated level (private riser = level 3 or Local Bus = level 4). If you select Level = Bus, the Interface field will appear. In this case, select **Interface** to assign the address of the interface of the logical expansion in which the dimmer is situated. **Interface** address that can be associated from 1 (interface 1) to 9 (interface 9) for dimmer 100, whereas for dimmer 10 the Interface address that can be associated goes from 1 (Interface 1) to 9 (interface 9).



Element 4	
Description	LIVINGROOM LIGHT
Type of Dimmer	10 Levels
Command 1	
Conf. A	None
Conf. PL	None
Level	Local bus
Interface	None

As for the dimmer Assemblies, composite configurations are allowed only from controls of the same kind: only point-point controls, only environment controls, only controls to groups or to a single GEN control.
For more information click the “**Information**” icon.

Timed light configuration

This item lets you control a light by setting the activation time .

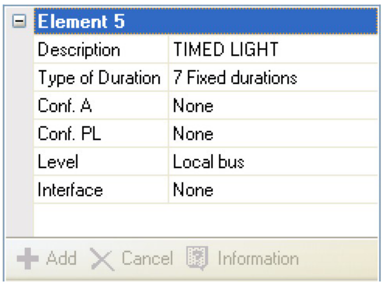
Configure as described below:

- Double-click the field on the right side of the option **Description** and rename: e.g. TIMED LIGHT
- Select **Type of Duration** and then select the required type of timing below:
  - 7 Fixed durations: the available durations are fixed.
  - Configurable durations: durations are determined by the client

If you select Type of **Duration** = Configurable durations, the field Duration will appear.
In this case, select Duration to assign the time, minutes and seconds for the activation.
It is possible to create new durations (Duration 1... Duration M) by clicking **Add**.
To remove previously-entered Durations, select the Duration you want to remove (e.g. Duration 1) and then press **Cancel**.
This configuration is available only for actuators which support the virtual configuration.

Now start configuring:

- Now select **Conf. A**; an arrow will appear which, after selecting it, will propose a series of configurators that can be associated from 1 (configurator 1) to 9 (configurator 9). Select the one which corresponds to configurator A in the control device you want to associate.
- Now select **Conf. PL** and select the one which corresponds to configurator PL in the control device you want to associate.
- Repeat the same procedure for **Level** and select the associated level (private riser = level 3 or Local Bus = level 4).
  In this case select **interface** to assign the logic expansion interface address where the light to control is located. The interface addresses go from 1 to 9, both when **7 Fixed times** and **Configurable times are selected**



Element 5

Description	TIMED LIGHT
Type of Duration	7 Fixed durations
Conf. A	None
Conf. PL	None
Level	Local bus
Interface	None

Note: this control can be sent only to actuators which support the virtual configuration.

Fixed timed light configuration

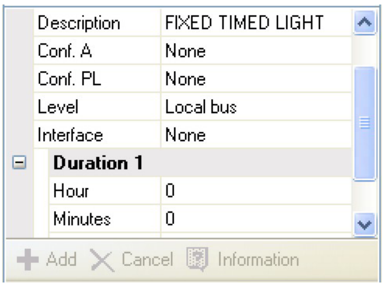
Lets you configure a light to be controlled with a fixed activation time.

Now start configuring:Procedere ora alla configurazione:

- Double-click the field on the right side of the option **Description** and rename
- Now select **Conf. A**; an arrow will appear which, after selecting it, will propose a series of configurators that can be associated from 1 (configurator 1) to 9 (configurator 9). Select the one which corresponds to configurator A in the control device you want to associate.
- Now select **Conf. PL** and select the one which corresponds to configurator PL in the control device you want to associate.
- Repeat the same procedure for **Level** and select the associated level (private riser = level 3 or Local Bus = level 4).

  If you select Level = Bus, the **Interface** field will appear.

  In this case, select **Interface** to assign the address of the interface of the logical expansion in which the light to be controlled is situated. Interface address that can be associated from 1 (interface 1) to 9 (interface 9).
- Set the activation time (Hour, Minutes, Seconds).

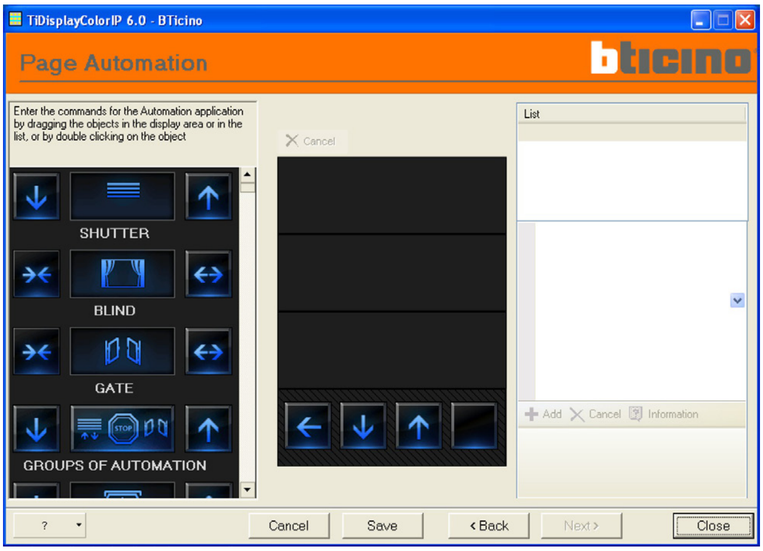


Description	FIXED TIMED LIGHT
Conf. A	None
Conf. PL	None
Level	Local bus
Interface	None
Duration 1	
Hour	0
Minutes	0

When you have finished configuring the Lighting page, click **Next** to go to the next customisation or **Back** to return to the previous screen.

4.6. Automation Page

If the automation icon has been previously included, the following screen will appear:

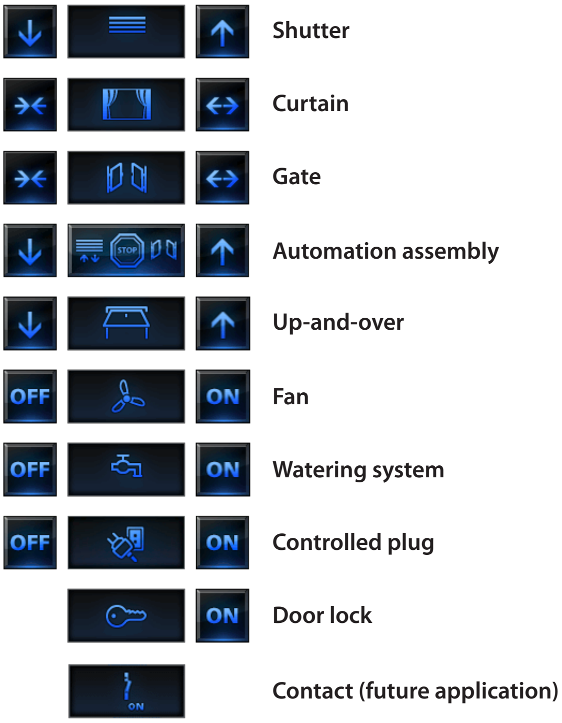

TiDisplayColorIP 6.0 - BTicino
Page Automation
bticino
Cancel
List
SHUTTER
BLIND
GATE
GROUPS OF AUTOMATION
Add
Cancel
Information
?
Cancel
Save
< Back
Next >
Close

Enter the commands for the Automation application by dragging the objects in the display area or in the list, or by double clicking on the object

The screen is divided into 3 frames:

- The ITEM Area, on the left, contains the icons available for the automation application controls.
- The DISPLAY Area, in the middle, represents the Touch screen.
- In the CONFIGURATION Area, on the right, it is possible to customise the description of each control and to set its configuration

The icons are graphically diversified, according to their actual use::

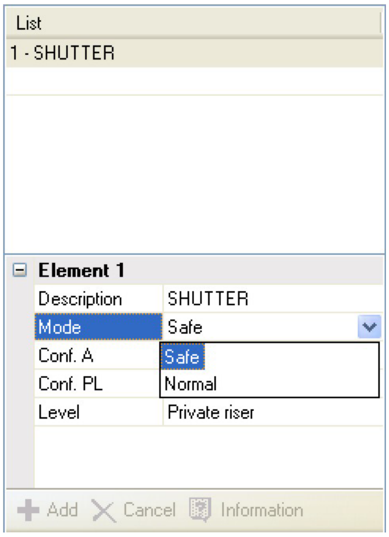

Shutter
Curtain
Gate
STOP
Automation assembly
Up-and-over
OFF
ON
Fan
OFF
ON
Watering system
OFF
ON
Controlled plug
ON
Door lock
ON
Contact (future application)

The group of icons formed by Curtain, Shutter, Gate, Up-and-over and Automation assembly must be used to control **two interlocked relays**; instead, the Fan, Controlled plug and Watering system icons control **single relays**, whereas the Door lock icon executes **Pushbutton**-type controls (PUL).

After dragging the icon of the control into the display (the process can be repeated up to a maximum of 20 elements), follow the indications below to customise the automations.

In the DISPLAY Area, the inserted controls are all proposed with the icon representing them.

To select the control you want to customise, click on it in the DISPLAY Area (if necessary, use the arrows) or click the element in the list of the CONFIGURATION Area.
The bottom section of the CONFIGURATION area offers the customisation and configuration elements for the automation selected.



List
1 - SHUTTER

Element 1

Description	SHUTTER
Mode	Safe
Conf. A	
Conf. PL	
Level	Private riser

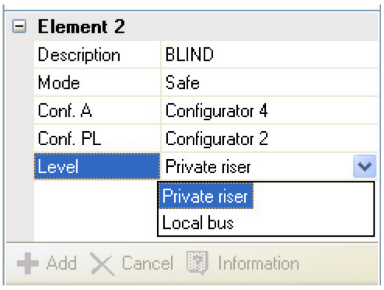
Automation configuration (associating the actuator which allows the automation to be managed)

- Double-click the field on the right side of the option **Description** and rename:
  e.g. SHUTTERS.
- The configuration of the control functioning mode is requested for some types of automation control units:

Safe mode
The opening or closing movement will occur as long as the corresponding key is held down.
When the key is released, there will be an automatic stop.

Normal Mode
The opening or closing movement will start by touching the corresponding key; during the movement the icon changes showing the Stop button and the indication of the movement in progress.
To stop the movement, press Stop.

- Now select **Conf. A**, which will be enabled. In fact, an arrow will appear which, after selecting it, will propose a series of configurators that can be associated from 1 (configurator 1) to 9 (configurator 9). Select the one corresponding to the configurator placed in **A** on the device you want to control.
- Repeat the same procedure for **Conf. PL** and select the one corresponding to the configurator placed in **PL** on the device you want to control.



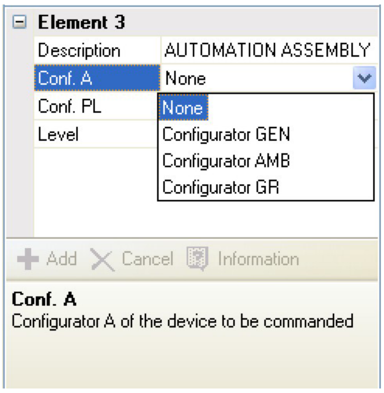
Element 2

Description	BLIND
Mode	Safe
Conf. A	Configurator 4
Conf. PL	Configurator 2
Level	Private riser

- Repeat the same procedure for **Level** and select the associated level (private riser = level 3 or Local Bus = level 4).
  If you select Level = Bus, the **Interface** field will appear.
  In this case, select **Interface** to assign the address of the interface of the logical expansion in which the object to control is situated. Interface address that can be associated from 1 (interface 1) to 9 (interface 9).
- As for the door lock control, you will be requested to choose between the Automation mode and the Video door-entry mode
  the configurators for the Automation system door lock are: **Conf. A and Conf. PL**
  the configurators for the Video door-entry door lock are: **Conf. P1** and **Conf. P2**
- For the Gate command, select one of three types among Automation, Lighting and Video Door Entry.
  - **Automation:** safe/normal mode, configurators A, PL, Level and Interface. The interface address can range from 1 to 9.
  - **Lighting:** configurators A, PL, time (1 sec, 2 sec), Level and Interface. The interface address can range from 1 to 9.
  This configuration is available only for actuators which support the virtual configuration
  - **Video door-entry system:** configurators P1, P2, public riser level/private riser.

Automation assembly configuration (multiple control)

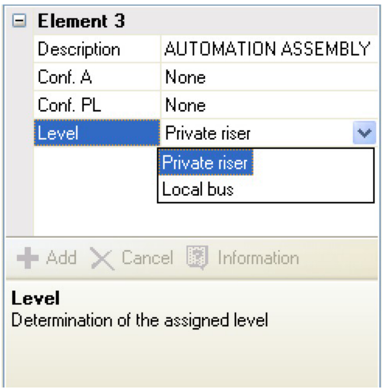
As for the multiple control, only options AMB (Environment), GR (group) and GEN (general) are possible for **Conf. A**; when configuring the GEN control, do not configure **Conf. PL**.



Element 3

Description	AUTOMATION ASSEMBLY
Conf. A	None
Conf. PL	
Level	

Conf. A
Configurator A of the device to be commanded



Element 3

Description	AUTOMATION ASSEMBLY
Conf. A	None
Conf. PL	None
Level	Private riser

Level
Determination of the assigned level

Note: If one of the elements has configurators A and PL configured as one of the elements in the LIGHTING page, the system will not accept the configuration and will not let you continue.

If you want to eliminate an automation control unit:

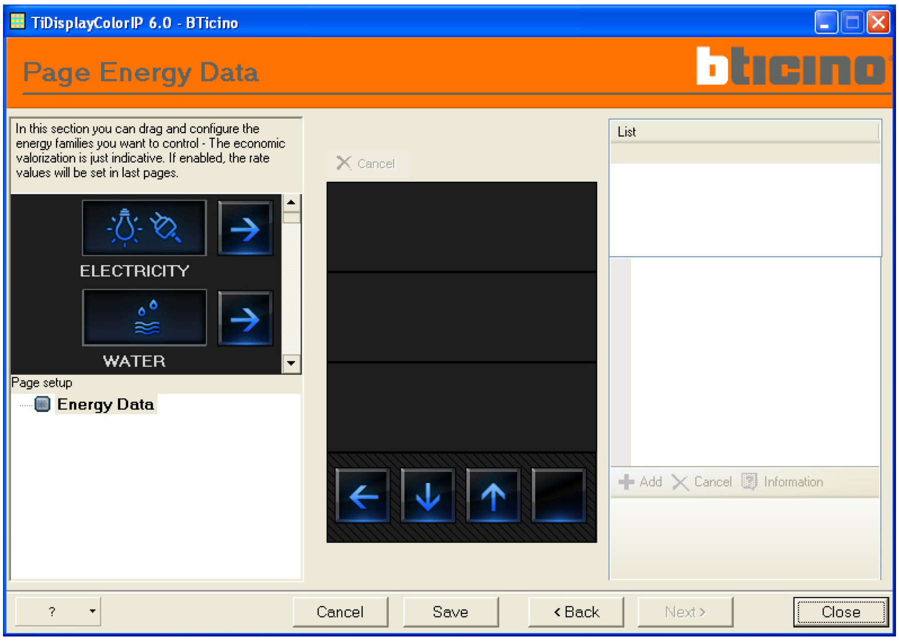
- Click on it in the DISPLAY Area.
- Click the **Cancel** button placed above the DISPLAY Area.
- The automation control unit will be removed.

When you have finished configuring the automation control units, click **Next** to go to the next customisation or **Back** to return to the previous screen

4.7. Energy management

Consumption/Production Display

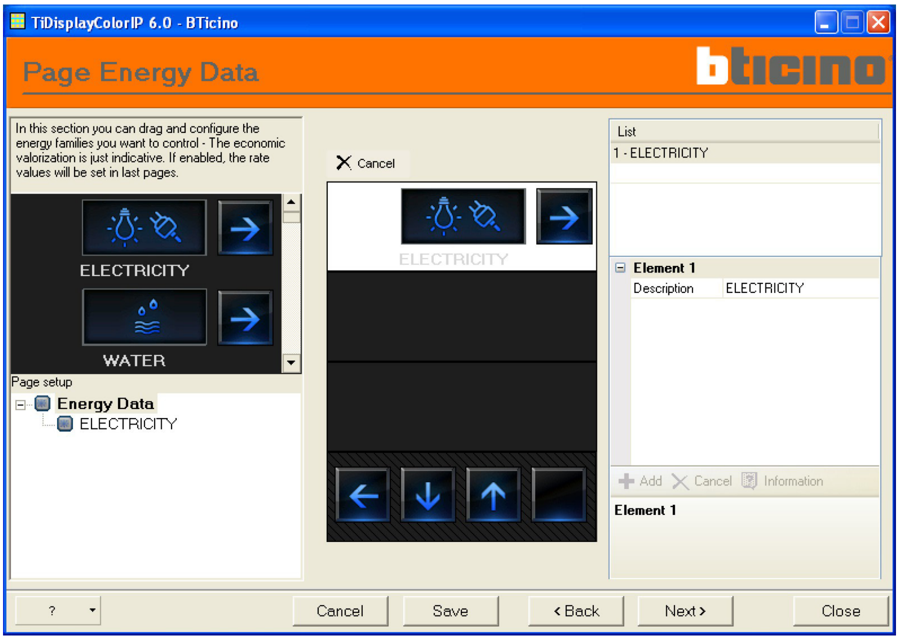
If the Consumption/Production Display icon was previously included, the following screen will be displayed:


TiDisplayColorIP 6.0 - BTicino
Page Energy Data
bticino
Cancel
List
ELECTRICITY
WATER
Page setup
Energy Data
Add
Cancel
Information
?
Cancel
Save
< Back
Next >
Close

In this section you can drag and configure the energy families you want to control - The economic valorization is just indicative. If enabled, the rate values will be set in last pages.

In the ITEM area there are the five objects available (ELECTRICITY, WATER, GAS, DHW (Domestic Hot Water), HEAT./COOL.) and CUSTOM. They can be used to configure the Consumption/Production Display system.

Once they have been included in the DISPLAY area, by dragging them in the area itself, or by double clicking on them, their settings can be changed from the CONFIGURATION area.


TiDisplayColorIP 6.0 - BTicino
Page Energy Data
bticino
Cancel
List
ELECTRICITY
WATER
ELECTRICITY
Page setup
Energy Data
ELECTRICITY
Element 1
Add
Cancel
Information
Element 1
?
Cancel
Save
< Back
Next >
Close

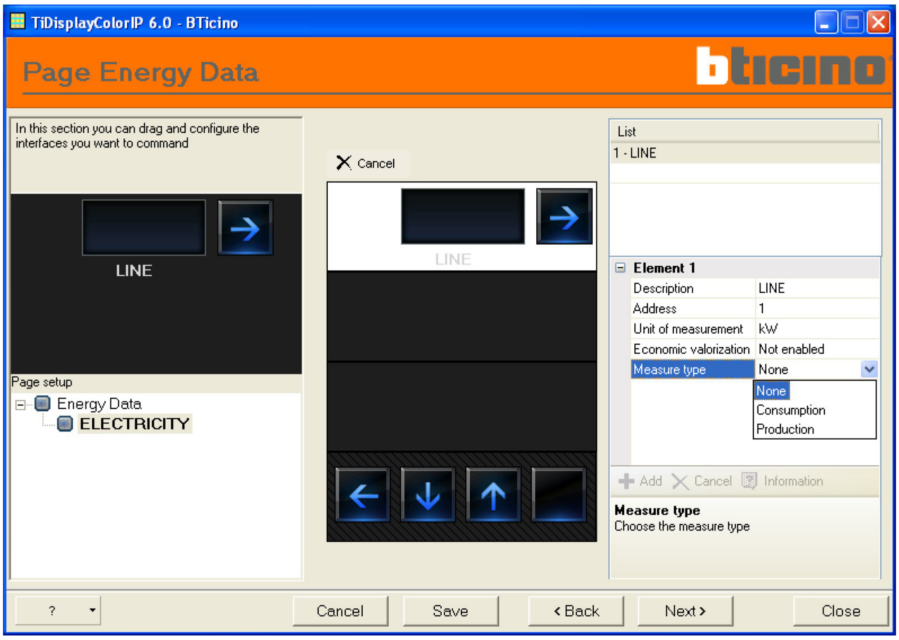
In this section you can drag and configure the energy families you want to control - The economic valorization is just indicative. If enabled, the rate values will be set in last pages.

1 - ELECTRICITY

Description: ELECTRICITY

Electricity configuration

Inside the ELECTRICITY sub-level, it is possible to insert the “**LINE**” object.


TiDisplayColorIP 6.0 - BTicino
Page Energy Data
bticino
LINE
Page setup
Energy Data
ELECTRICITY
Cancel
LINE
List
1 - LINE
Add
Cancel
Information
?
Cancel
Save
< Back
Next >
Close

In this section you can drag and configure the interfaces you want to command

Element 1	
Description	LINE
Address	1
Unit of measurement	kW
Economic valorization	Not enabled
Measure type	None
	None Consumption Production

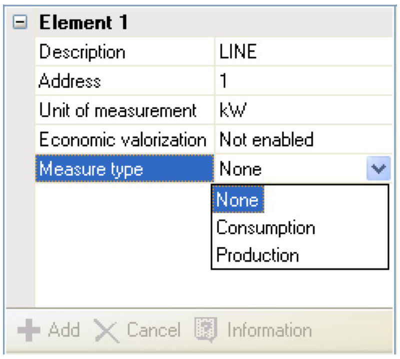
Measure type
Choose the measure type

Line configuration

- customise the Description;
- select “**Address**”, associating the reference value from 1 to 255;
- select “**Unit of measurement**” to set the desired unit of measure;
- select “**Economic valorization**” to enable or disable the object evaluation function;
- select “**Measure type**”, and choose between Consumption or Production;

Warning: if „Consumption“ or „Production“ measure types are enabled, the corresponding tariffs must also be set (see the chapter „Setting the currency“)

Warning: the Economic Valorisation is an indicative data


Add
Cancel
Information

Element 1	
Description	LINE
Address	1
Unit of measurement	kW
Economic valorization	Not enabled
Measure type	None
	None Consumption Production

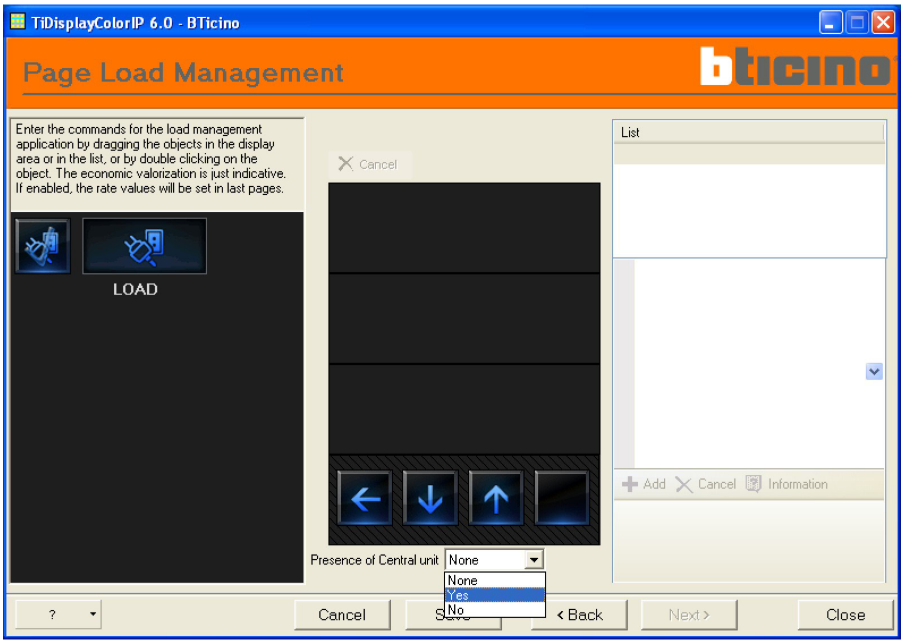
This manual only describe the electricity item. TiDisplayColorIP manages all the items in the same way

Load Management Page

The screen is split in 3 frames.

- The ITEM area on the left shows all the configurable loads;
- The DISPLAY area in the centre is the Touch screen display.
- The CONFIGURATION area on the right is the frame in which the configurations on the object selected in the DISPLAY area are performed.

Before entering and configuring the loads, it will be necessary to indicate if the system includes a Load Management central unit.

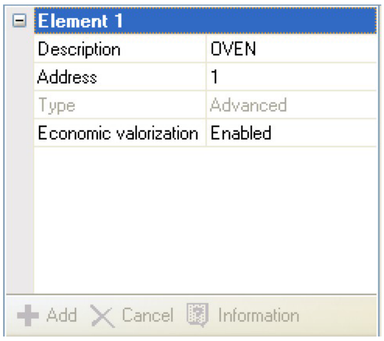

TiDisplayColorIP 6.0 - BTicino
Page Load Management
bticino
LOAD
Cancel
List
Add
Cancel
Information
?
Cancel
Save
‹ Back
Next ›
Close

Enter the commands for the load management application by dragging the objects in the display area or in the list, or by double clicking on the object. The economic valorization is just indicative. If enabled, the rate values will be set in last pages.

Presence of Central unit: None (options: None, Yes, No)

Configuration of the selected load without load management central unit (only for advanced actuators):

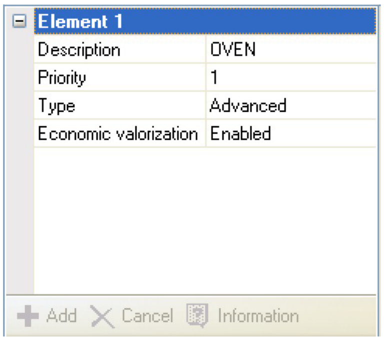
- customise the Description;
- Select the address;
- Enable the economic valorization, to display the corresponding load consumptions/productions (€/kW).


Add
Cancel
Information

Element 1	
Description	OVEN
Address	1
Type	Advanced
Economic valorization	Enabled

Configuration of the selected load with load management central unit installed:

- customise the Description;
- Select the priority;
- Select the mode type, Advanced if the system includes actuators with current sensor (advanced actuators); the Touch Screen will have meters that can be reset at any time, to keep track of consumption levels, and to display the actual load consumption in real time.
- Enable the economic valorization, to display the corresponding load consumptions/productions (€/kW).

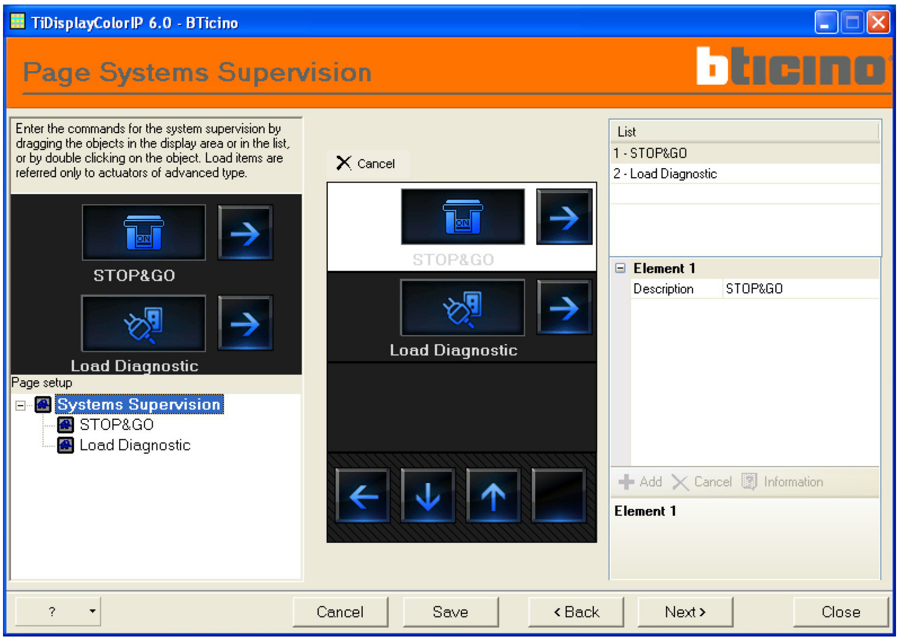


Element 1

Description	OVEN
Priority	1
Type	Advanced
Economic valorization	Enabled

System Supervision Page

Inside the ITEM Area are two objects (STOP&GO, Load diagnostic).
Once moved to the DISPLAY area,(by dragging them to the area or by double clicking on them, their description may be changed from the CONFIGURATION area.



TiDisplayColorIP 6.0 - BTicino

Page Systems Supervision

Enter the commands for the system supervision by dragging the objects in the display area or in the list, or by double clicking on the object. Load items are referred only to actuators of advanced type.

Page setup
- Systems Supervision
  - STOP&GO
  - Load Diagnostic

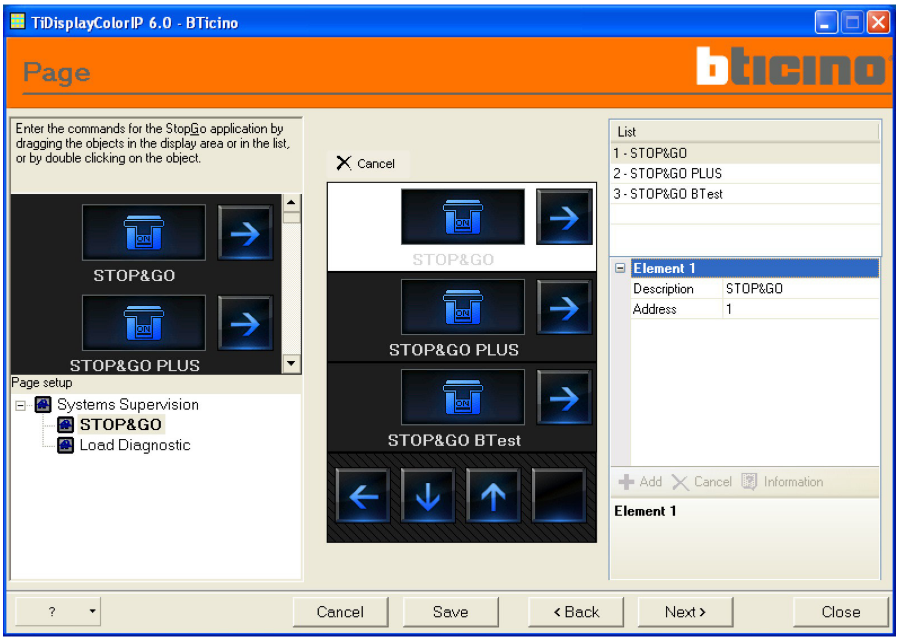
List
1 - STOP&GO
2 - Load Diagnostic

Element 1

Description	STOP&GO

STOP&GO
Load Diagnostic
Cancel
STOP&GO
Load Diagnostic
Add
Cancel
Information
Element 1
?
Cancel
Save
< Back
Next >
Close

Once the start page has been configured, click on the corresponding sub-levels in the PAGE COMPOSITION Area, to access the configuration of the pages for the various objects. A similar page will be displayed for each sub-level, where the configuration can be performed.



TiDisplayColorIP 6.0 - BTicino

Page

Enter the commands for the StopGo application by dragging the objects in the display area or in the list, or by double clicking on the object.

Page setup
- Systems Supervision
  - STOP&GO
  - Load Diagnostic

List
1 - STOP&GO
2 - STOP&GO PLUS
3 - STOP&GO BTest

Element 1

Description	STOP&GO
Address	1

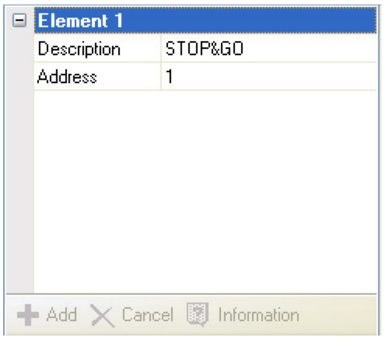
STOP&GO
STOP&GO PLUS
Cancel
STOP&GO
STOP&GO PLUS
STOP&GO BTest
Add
Cancel
Information
Element 1
?
Cancel
Save
< Back
Next >
Close

Warning: up to 20 devices maximum may be configured

Configuration of the three system supervision devices
(Stop&go, Stop&go plus and Stop&go BTest)

- customise the Description;
- enter the device address value The value can be between 1 and 127. It corresponds to the value of the configurators connected to the device configurator housing (example: A1 = “1“; A2 = “2“ and A3 = “5“, corresponds to address 125).

Warning: all three devices are configured using the same procedure

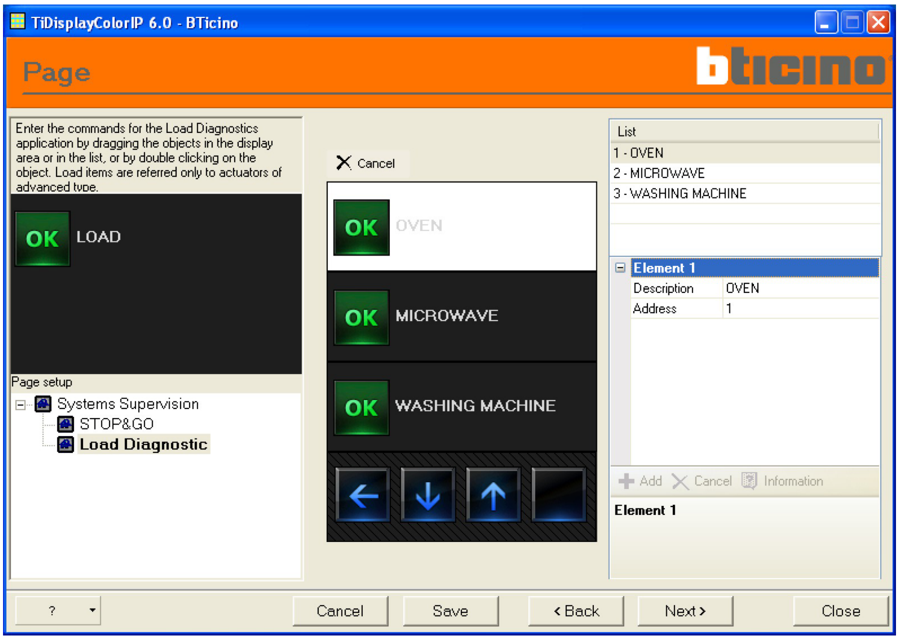

Element 1
Description STOP&GO
Address 1

Add
Cancel
Information

Load Diagnostic configuration

The “Load diagnostic” function is used to check that the loads are working correctly, by measuring their earth leakage current consumptions.
For each connected load it will be possible to

- customise the Description;
- enter the device address value The value can be between 1 and 64. It corresponds to the value of the configurators connected to the device configurator housing.


Enter the commands for the Load Diagnostics application by dragging the objects in the display area or in the list, or by double clicking on the object. Load items are referred only to actuators of advanced type.

List
1 - OVEN
2 - MICROWAVE
3 - WASHING MACHINE

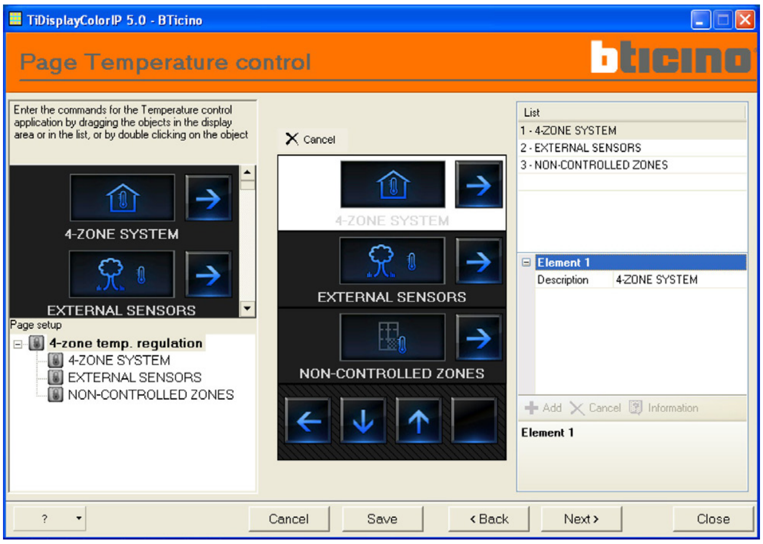
Element 1
Description OVEN
Address 1

TiDisplayColorIP 6.0 - BTicino
Page
bticino
OK
LOAD
Page setup
Systems Supervision
STOP&GO
Load Diagnostic
Cancel
OK
OVEN
OK
MICROWAVE
OK
WASHING MACHINE
Add
Cancel
Information
Element 1
?
Cancel
Save
< Back
Next >
Close

4.8. Temperature control page (4 zones)

Inside the ITEM area are four objects (4 ZONE SYSTEM, EXTERNAL PROBES, NON CONTROLLED ZONES, AIR CONDITIONING), which allow the configuration of a 4 zone system (with the central unit itself representing one system zone). Once moved to the DISPLAY area (by dragging them within the area limits, or by double clicking on them) their description may be changed in the CONFIGURATION area.

Warning: Touch Screen can manage up to 20 4 zone systems.



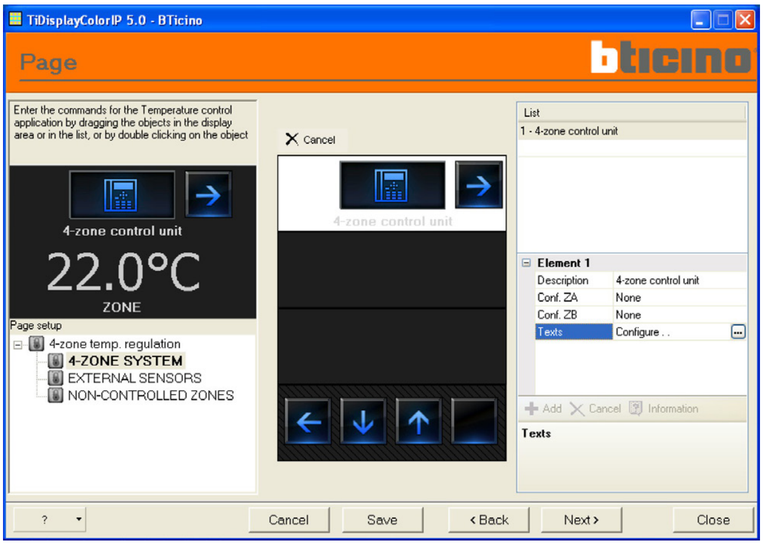
Enter the commands for the Temperature control application by dragging the objects in the display area or in the list, or by double clicking on the object

List
1 - 4-ZONE SYSTEM
2 - EXTERNAL SENSORS
3 - NON-CONTROLLED ZONES

Element 1
Description: 4-ZONE SYSTEM

TiDisplayColorIP 5.0 - BTicino
Page Temperature control
bticino
4-ZONE SYSTEM
EXTERNAL SENSORS
NON-CONTROLLED ZONES
Cancel
Page setup
4-zone temp. regulation
4-ZONE SYSTEM
EXTERNAL SENSORS
NON-CONTROLLED ZONES
Add
Cancel
Information
Element 1
?
Cancel
Save
< Back
Next >
Close

Once the start page has been configured, click on the corresponding sub-levels in the PAGE COMPOSITIONS area, to access the configuration of the pages of the various objects. A similar page will be displayed for each sub-level, where the configuration can be completed.



Enter the commands for the Temperature control application by dragging the objects in the display area or in the list, or by double clicking on the object

List
1 - 4-zone control unit

Element 1
Description: 4-zone control unit
Conf. ZA: None
Conf. ZB: None
Texts: Configure . .

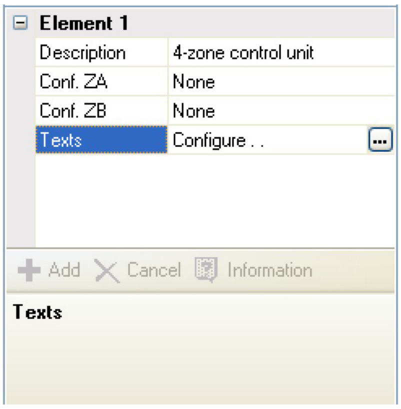
TiDisplayColorIP 5.0 - BTicino
Page
bticino
4-zone control unit
22.0°C
ZONE
Cancel
Page setup
4-zone temp. regulation
4-ZONE SYSTEM
EXTERNAL SENSORS
NON-CONTROLLED ZONES
Add
Cancel
Information
Texts
?
Cancel
Save
< Back
Next >
Close

Warning: within the system, the 4 zone control unit operates as a zone.

4 zone system configuration

inside the 4 ZONE SYSTEM sub-level it is possible to:

- Enter the „**4 ZONE CONTROL UNIT**“ object;
  - – customize the Description;
  - – Select „**Conf. ZA**“, associating the value of the configurator from 0 (none) to 9 (configurator 9) connected inside the device.;
  - – repeat the same operation for „**Conf. ZB**“;
  - – Click ... to configure the program names (if previously entered inside the 4 zone control unit).

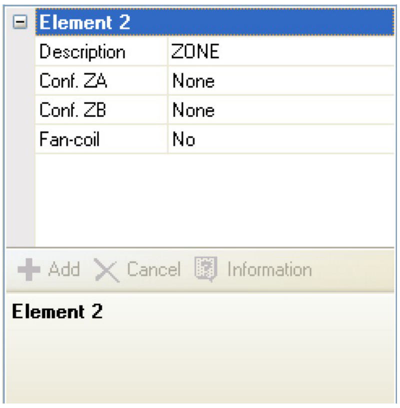


Element 1

Description	4-zone control unit
Conf. ZA	None
Conf. ZB	None
Texts	Configure . .

Warning: the first connected zone must be configured using the values associated to the 4 zone control unit.

- Enter the „**ZONE**“ object:
  - – customize the Description;
  - – Select „**Conf. ZA**“, associating the value of the configurator from 0 (none) to 9 (configurator 9) connected inside the device;
  - – repeat the same operation for „**Conf. ZB**“;
  - – select if the „**Fan-coil**“ is present.



Element 2

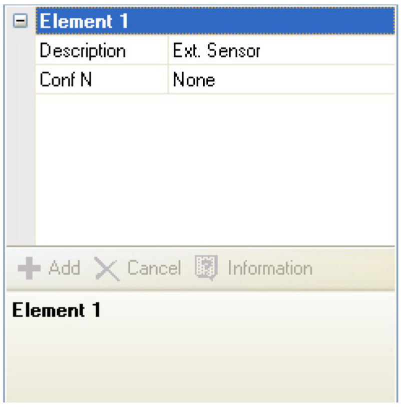
Description	ZONE
Conf. ZA	None
Conf. ZB	None
Fan-coil	No

Warning: up to a maximum of 9 external sensors may be connected.

Configuration of **External Sensors**

Click the external sensors sub-level to:

- Enter the „**EXTERNAL SENSOR**“ object;
  - – customize the Description;
  - – Select „**Conf. N**“, entering the corresponding external sensor no., from 0 (none) to 9 (configurator 9).



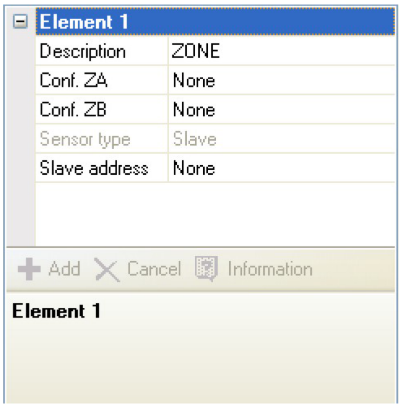
Element 1	
Description	Ext. Sensor
Conf N	None

Warning: only slave type sensors may be connected

Configuration of **non-controlled zones**

Select the non-controlled zones sub-level to:

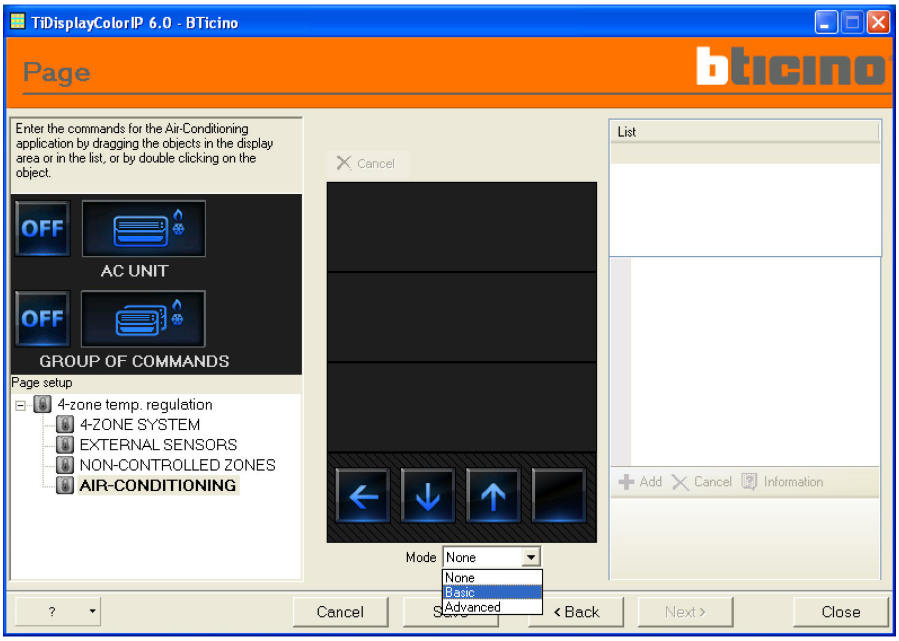
- Enter the „**ZONE**“ object;
  - – customize the Description;
  - – Select „**Conf. ZA**“, associating the value of the configurator from 0 (none) to 9 (configurator 9) of the master sensor;
  - – repeat the same operation for „**Conf. ZB**“;
  - – enter the address of the slave sensor in progressive order from 1 (slave 1) to 8 (slave 8).



Element 1	
Description	ZONE
Conf. ZA	None
Conf. ZB	None
Sensor type	Slave
Slave address	None

AIR CONDITIONING configuration - Basic mode

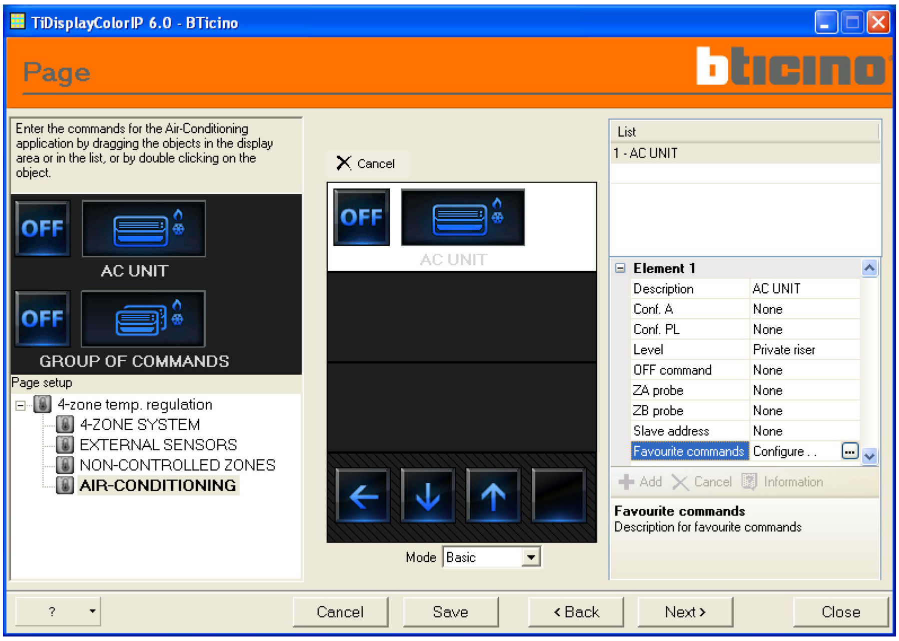
Before configuring the AIR CONDITIONING objects, the configuration mode must be selected. If **Basic** mode is selected, the air conditioning equipment will be managed through the system, using only the 20 commands saved on the 3456 interface.


TiDisplayColorIP 6.0 - BTicino
Page
bticino
OFF
AC UNIT
OFF
GROUP OF COMMANDS
Page setup
4-zone temp. regulation
4-ZONE SYSTEM
EXTERNAL SENSORS
NON-CONTROLLED ZONES
AIR-CONDITIONING
Cancel
List
Add
Cancel
Information
None
Basic
Advanced
?
Cancel
Save
‹ Back
Next ›
Close

Enter the commands for the Air-Conditioning application by dragging the objects in the display area or in the list, or by double clicking on the object.

Mode None

By dragging the objects to the DISPLAY area, or double clicking on them, it will be possible to change their settings from the CONFIGURATION area.


TiDisplayColorIP 6.0 - BTicino
Page
bticino
OFF
AC UNIT
OFF
GROUP OF COMMANDS
Page setup
4-zone temp. regulation
4-ZONE SYSTEM
EXTERNAL SENSORS
NON-CONTROLLED ZONES
AIR-CONDITIONING
Cancel
OFF
AC UNIT
List
1 - AC UNIT
Add
Cancel
Information
?
Cancel
Save
‹ Back
Next ›
Close

Enter the commands for the Air-Conditioning application by dragging the objects in the display area or in the list, or by double clicking on the object.

Mode Basic

Element 1

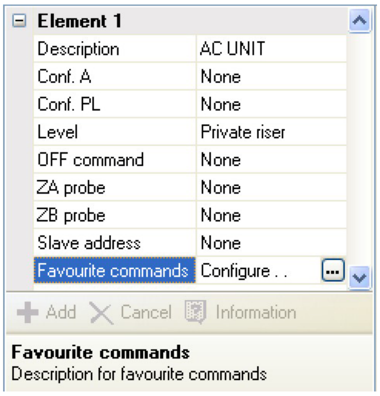
Description	AC UNIT
Conf. A	None
Conf. PL	None
Level	Private riser
OFF command	None
ZA probe	None
ZB probe	None
Slave address	None
Favourite commands	Configure . .

Favourite commands
Description for favourite commands

INTERNAL AC UNIT configuration

By selecting the AIR CONDITIONING sub-level the user can:

- Insert the "**INTERNAL AC UNIT**" object;
  - customise the Description;
  - Now select Conf. A in the CONFIGURATION Area. An arrow will be displayed, which once selected will offer a range of configurators that can be associated, from 0 (no configurators) to 9 (configurator 9). Select the one corresponding to the configurator connected to the A housing on the 3456 device;
  - Repeat the same procedure for Conf. PL, selecting the one corresponding to the configurator connected to the PL housing on the 3456 device;
  - Repeat the same operation for Level, and select the level it belongs to (Private riser = level 3, or Local Bus = level 4);
  - Enter the number of the command configured as OFF on the 3456 interface;
  - Select "ZA probe", associating the value of the configurator from 0 (none) to 9 (configurator 9) of the slave probe (if present);
  - repeat the same operation for "ZB probe";
  - enter the address of the slave probe, in progressive order from 1 (slave 1) to 8 (slave 8).

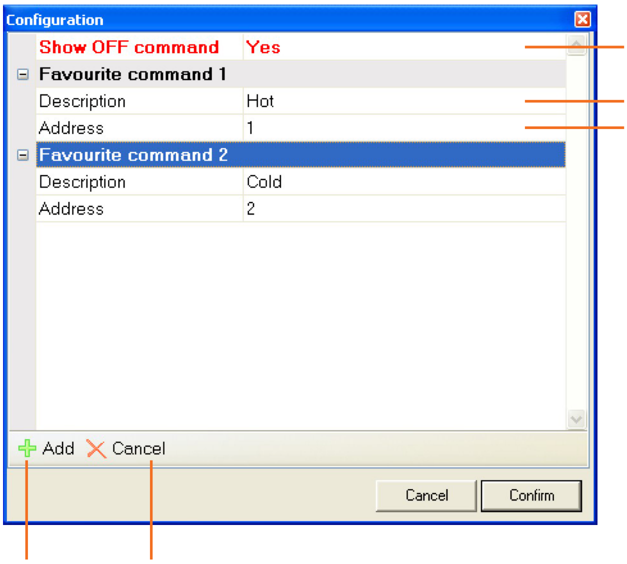


Element 1	
Description	AC UNIT
Conf. A	None
Conf. PL	None
Level	Private riser
OFF command	None
ZA probe	None
ZB probe	None
Slave address	None
Favourite commands	Configure . .

Favourite commands
Description for favourite commands

  - Click the … key to configure the commands associated to the splitter being configured.

Warning: Up **to 20 commands can be entered for each splitter (previously configured on the 3456 interface).**



Configuration

Show OFF command	Yes
Favourite command 1	
Description	Hot
Address	1
Favourite command 2	
Description	Cold
Address	2

Select Yes to display the OFF command associated to the splitter on the Touch Screen Colour

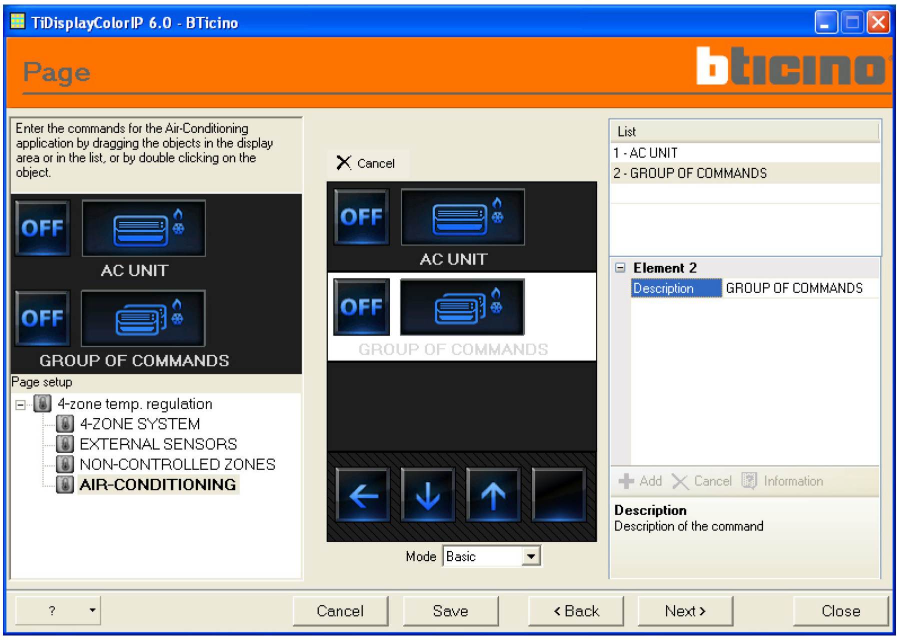
Command description

Command number

Add command

Remove command

By dragging the “**Group of commands**” object to the Display area it will be possible customise its description. This command will be displayed on the Touch Screen Colour and will enable switching off all the splitters installed on the My Home system


TiDisplayColorIP 6.0 - BTicino
Page
bticino
OFF
AC UNIT
OFF
GROUP OF COMMANDS
Page setup
4-zone temp. regulation
4-ZONE SYSTEM
EXTERNAL SENSORS
NON-CONTROLLED ZONES
AIR-CONDITIONING
Cancel
OFF
AC UNIT
OFF
GROUP OF COMMANDS
List
Add
Cancel
Information
?
Cancel
Save
< Back
Next >
Close

Enter the commands for the Air-Conditioning application by dragging the objects in the display area or in the list, or by double clicking on the object.

1 - AC UNIT
2 - GROUP OF COMMANDS

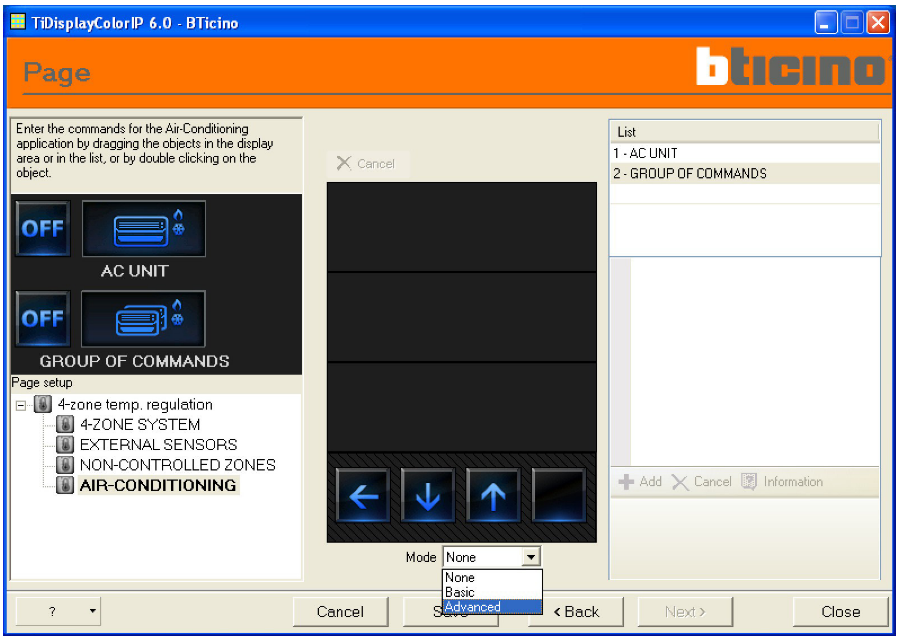
Element 2
Description: GROUP OF COMMANDS

Description
Description of the command

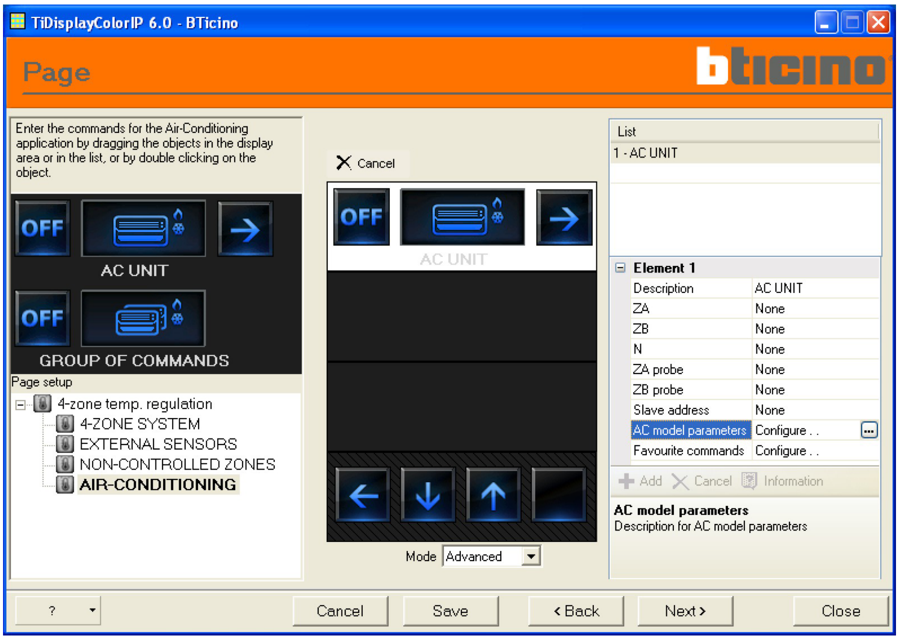
Mode: Basic

AIR CONDITIONING configuration - Advanced mode

Before configuring the AIR CONDITIONING objects, the configuration mode must be selected. If Advanced mode is selected, the air conditioning equipment will be managed on the My Home system directly, as if using the splitter remote control, or using the 20 commands saved on the 3456 interface.


TiDisplayColorIP 6.0 - BTicino
Page
bticino
Enter the commands for the Air-Conditioning application by dragging the objects in the display area or in the list, or by double clicking on the object.
OFF
AC UNIT
OFF
GROUP OF COMMANDS
Page setup
4-zone temp. regulation
4-ZONE SYSTEM
EXTERNAL SENSORS
NON-CONTROLLED ZONES
AIR-CONDITIONING
Cancel
List
1 - AC UNIT
2 - GROUP OF COMMANDS
Add
Cancel
Information
Mode None
None
Basic
Advanced
?
Cancel
Save
‹ Back
Next ›
Close

By dragging the objects to the DISPLAY area, or double clicking on them, it will be possible to change their settings from the CONFIGURATION area.


TiDisplayColorIP 6.0 - BTicino
Page
bticino
Enter the commands for the Air-Conditioning application by dragging the objects in the display area or in the list, or by double clicking on the object.
OFF
AC UNIT
OFF
GROUP OF COMMANDS
Page setup
4-zone temp. regulation
4-ZONE SYSTEM
EXTERNAL SENSORS
NON-CONTROLLED ZONES
AIR-CONDITIONING
Cancel
OFF
AC UNIT
List
1 - AC UNIT
Add
Cancel
Information
?
Cancel
Save
‹ Back
Next ›
Close

Mode Advanced

Element 1

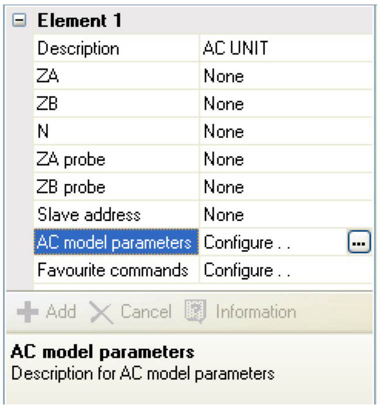
Description	AC UNIT
ZA	None
ZB	None
N	None
ZA probe	None
ZB probe	None
Slave address	None
AC model parameters	Configure . .
Favourite commands	Configure . .

AC model parameters
Description for AC model parameters

INTERNAL AC UNIT configuration

By selecting the AIR CONDITIONING sub-level the user can:

- Insert the "**INTERNAL AC UNIT**" object;
  - customise the Description;
  - Select "**Conf. ZA**", associating the value of the configurator from 0 (none) to 9 (configurator 9) of the 3456 interface.
  - repeat the same operation for "**ZB**";
  - select **N**, entering the corresponding interface number, from 0 (none) to 9 (configurator 9).
  - Select "**ZA probe**", associating the value of the configurator from 0 (none) to 9 (configurator 9) of the slave probe (if present);
  - repeat the same operation for "**ZB probe**";
  - enter the address of the slave probe, in progressive order from 1 (slave 1) to 8 (slave 8).



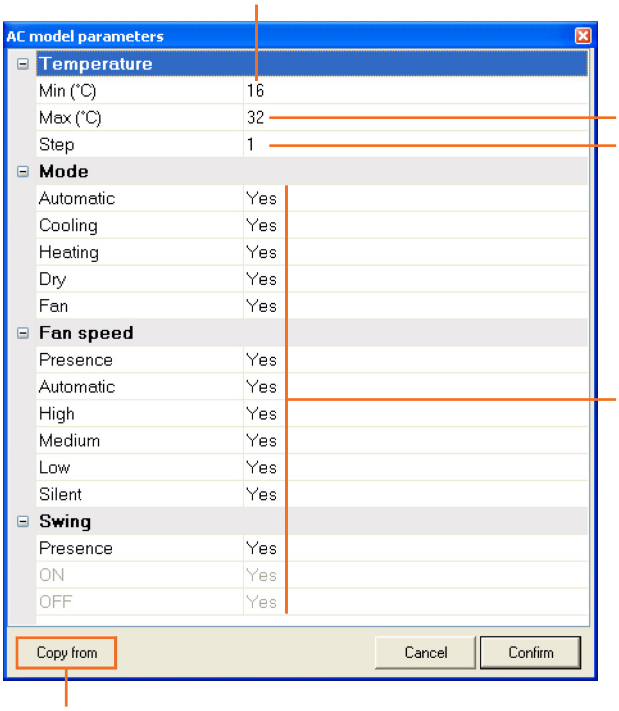
Element 1

Description	AC UNIT
ZA	None
ZB	None
N	None
ZA probe	None
ZB probe	None
Slave address	None
AC model parameters	Configure . .
Favourite commands	Configure . .

AC model parameters
Description for AC model parameters

- Click the ... key to select the parameters of the splitter being configured.

Warning: The **configuration of the splitter parameters depends on the function of each individual splitter installed.**.



AC model parameters

Temperature	
Min (°C)	16
Max (°C)	32
Step	1
Mode	
Automatic	Yes
Cooling	Yes
Heating	Yes
Dry	Yes
Fan	Yes
Fan speed	
Presence	Yes
Automatic	Yes
High	Yes
Medium	Yes
Low	Yes
Silent	Yes
Swing	
Presence	Yes
ON	Yes
OFF	Yes

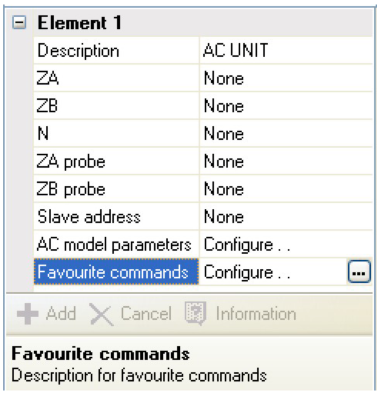
Enter the minimum temperature that can be handled by the splitter

Enter the maximum temperature that can be handled by the splitter

Enter the desired increase step between the different temperature values (0.5° or 1.0°)

Select Yes if the splitter includes the function.

Click this Pushbutton to copy the configuration of the splitter parameters.

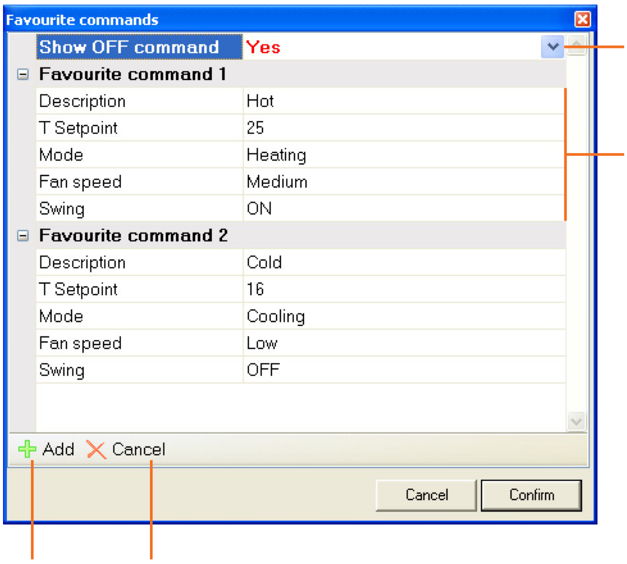


Element 1	
Description	AC UNIT
ZA	None
ZB	None
N	None
ZA probe	None
ZB probe	None
Slave address	None
AC model parameters	Configure . .
Favourite commands	Configure . .

Favourite commands
Description for favourite commands

– Click the ... key to configure the commands associated to the splitter being configured.

⚠ **Warning:** Up **to 20 commands can be entered for each splitter.**



Show OFF command	**Yes**
Favourite command 1	
Description	Hot
T Setpoint	25
Mode	Heating
Fan speed	Medium
Swing	ON
Favourite command 2	
Description	Cold
T Setpoint	16
Mode	Cooling
Fan speed	Low
Swing	OFF

Select Yes to display the OFF command associated to the splitter on the Touch Screen Colour

Command settings

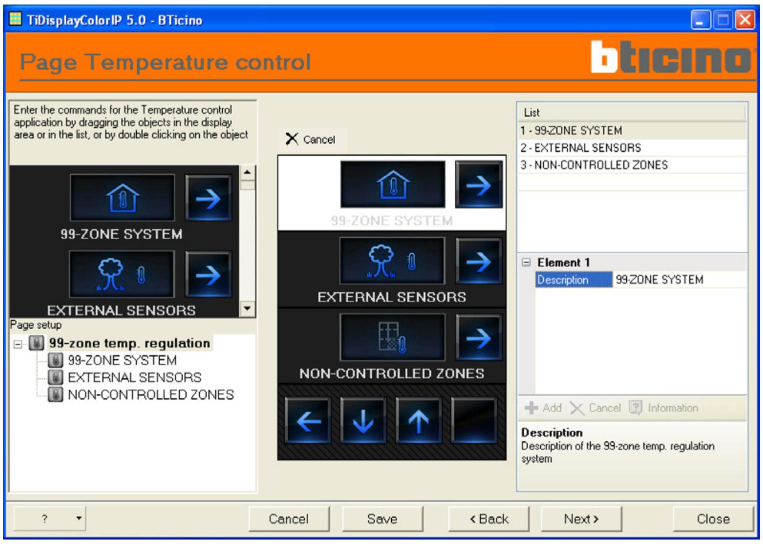
Add command

Remove command

4.9. Temperature regulation page (99 zones)

The configuration of this system introduces a new graphic element in the page: The page COMPOSITIONS area, in which the structure of the pages that will be displayed by Touch Screen is shown.

Inside the ITEM area are three objects (99 ZONE SYSTEM, EXTERNAL SENSORS, NON-CONTROLLED ZONES) for the configuration of a 99 zone system. Once moved to the DISPLAY area (by dragging them within the area limits, or by double clicking on them) their description may be changed in the CONFIGURATION area.



TiDisplayColorIP 5.0 - BTicino

Page Temperature control

Enter the commands for the Temperature control application by dragging the objects in the display area or in the list, or by double clicking on the object

Page setup
- 99-zone temp. regulation
  - 99-ZONE SYSTEM
  - EXTERNAL SENSORS
  - NON-CONTROLLED ZONES

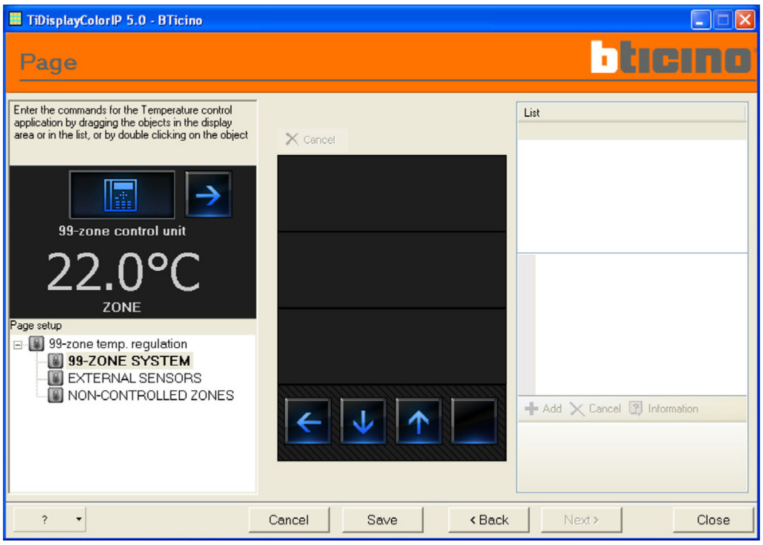
List
1 - 99-ZONE SYSTEM
2 - EXTERNAL SENSORS
3 - NON-CONTROLLED ZONES

Element 1
Description: 99-ZONE SYSTEM

Description
Description of the 99-zone temp. regulation system

bticino
99-ZONE SYSTEM
EXTERNAL SENSORS
Cancel
99-ZONE SYSTEM
EXTERNAL SENSORS
NON-CONTROLLED ZONES
Add
Cancel
Information
?
Cancel
Save
‹ Back
Next ›
Close

Once the start page has been configured, click on the corresponding sub-levels in the PAGE COMPOSITIONS area, to access the configuration of the pages of the various objects. A similar page will be displayed for each sub-level, where the configuration can be completed.



TiDisplayColorIP 5.0 - BTicino

Page

Enter the commands for the Temperature control application by dragging the objects in the display area or in the list, or by double clicking on the object

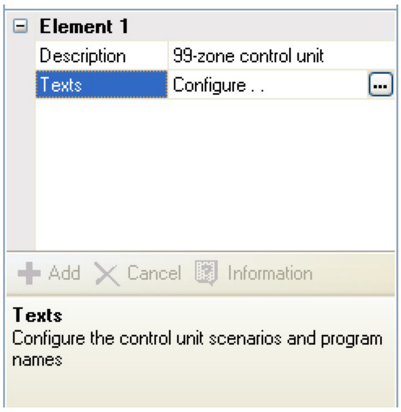
Page setup
- 99-zone temp. regulation
  - 99-ZONE SYSTEM
  - EXTERNAL SENSORS
  - NON-CONTROLLED ZONES

bticino
99-zone control unit
22.0°C
ZONE
Cancel
List
Add
Cancel
Information
?
Cancel
Save
‹ Back
Next ›
Close

Configuration of the **99 zone system**

inside the 99 ZONE SYSTEM subsystem it is possible to:

- Enter the „**99 ZONE CONTROL UNIT**“ object;
  - customize the Description;
  - Click ... to configure the program and scenario names (if previously entered inside the 99 zone control unit).



Element 1

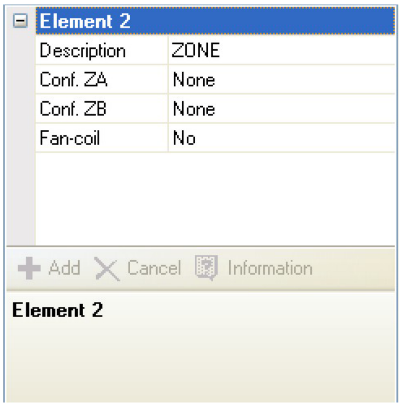
Description: 99-zone control unit

Texts: Configure . .

Texts

Configure the control unit scenarios and program names

- Enter the „**ZONE**“ object (Touch Screen will manage up to a maximum of 20 zones):
  - customize the Description;
  - Select „Conf. ZA“, associating the value of the configurator from 0 (none) to 9 (configurator 9) connected inside the device;
  - repeat the same operation for „Conf. ZB“;
  - select if the „Fan-coil“ is present.



Element 2

Description: ZONE

Conf. ZA: None

Conf. ZB: None

Fan-coil: No

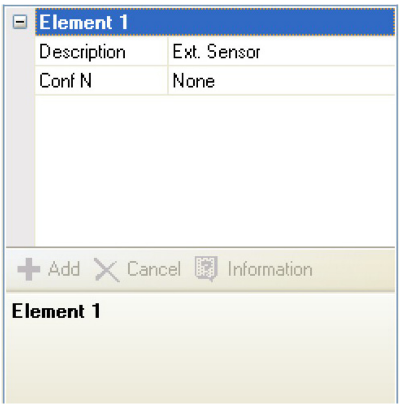
Element 2

Warning: up to a maximum of 9 external sensors may be connected.

Configuration of **External Sensors**

Click the external sensors sub-level to:

- Enter the „**EXTERNAL SENSOR**“ object;
  - customize the Description;
  - Select „**Conf. N**“, entering the corresponding external sensor no., from 0 (none) to 9 (configurator 9).



Element 1

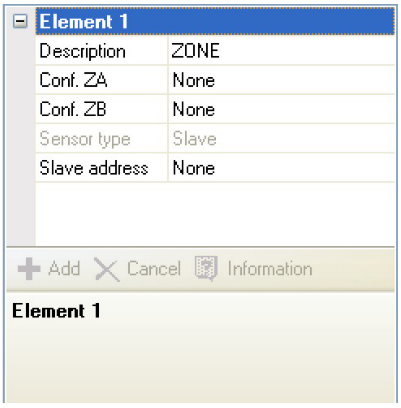
Description	Ext. Sensor
Conf N	None

Warning: Up to a maximum of 8 slave type only sensors may be connected.

Configuration of **non-controlled zones**

Select the non-controlled zones sub-level to:

- Enter the „**ZONE**“ object;
  - customize the Description;
  - Select „**Conf. ZA**“, associating the value of the configurator from 0 (none) to 9 (configurator 9) of the master sensor;
  - repeat the same operation for „**Conf. ZB**“;
  - enter the address of the slave sensor in progressive order, from 1 (slave 1) to 8 (slave 8).

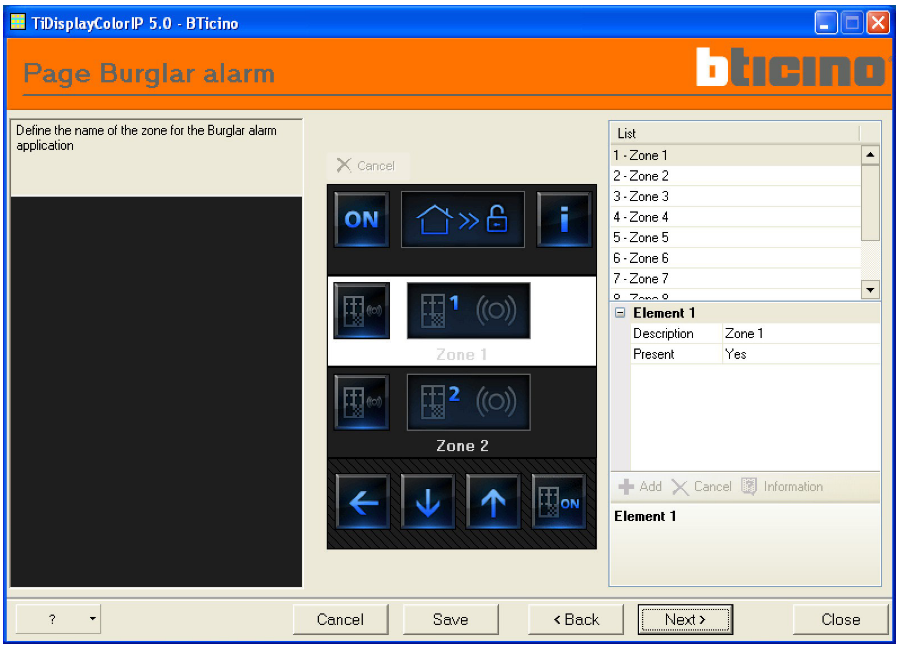


Element 1

Description	ZONE
Conf. ZA	None
Conf. ZB	None
Sensor type	Slave
Slave address	None

4.10. Burglar alarm page

If the burglar alarm icon has been previously included, the following screen will appear.


TiDisplayColorIP 5.0 - BTicino

Page Burglar alarm

Define the name of the zone for the Burglar alarm application

List
1 - Zone 1
2 - Zone 2
3 - Zone 3
4 - Zone 4
5 - Zone 5
6 - Zone 6
7 - Zone 7

Element 1

Description	Zone 1
Present	Yes

Element 1

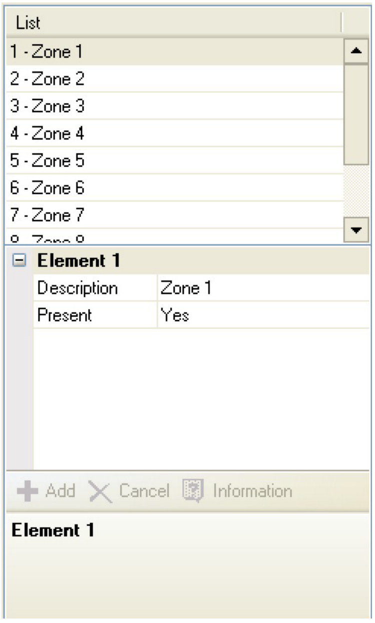
The screen is divided into 3 frames:

- The ITEM Area, on the left, is empty
- The DISPLAY area, in the middle, represents the Touch screen which already contains the 8 zones in which the burglar alarm system can be divided.
- The CONFIGURATION Area, on the right, is the frame in which you can customise the name of the zone.

To select the zone you want to customise, click on it in the DISPLAY area (if necessary, use the arrows) or click the element in the list of the CONFIGURATION Area.

The bottom part of the CONFIGURATION Area proposes the customisable name regarding the selected zone.

In addition to the zone customisation, it is possible to choose the zones to be displayed on the Touch screen.


List
1 - Zone 1
2 - Zone 2
3 - Zone 3
4 - Zone 4
5 - Zone 5
6 - Zone 6
7 - Zone 7

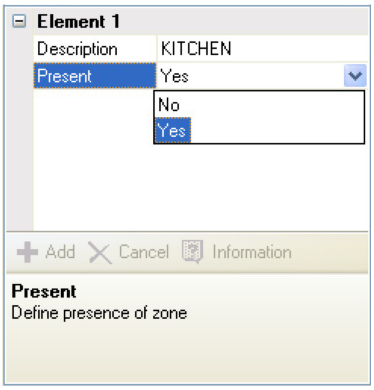
Element 1

Description	Zone 1
Present	Yes

Element 1

Burglar alarm configuration (associating the loaded icon with a specific zone))

- Double click Zone 1 ... 8 on the side of the Description option, and enter a new name: e.g. KITCHEN


Element 1
Description
Present
No
Yes
Add
Cancel
Information

Description: KITCHEN
Present: Yes

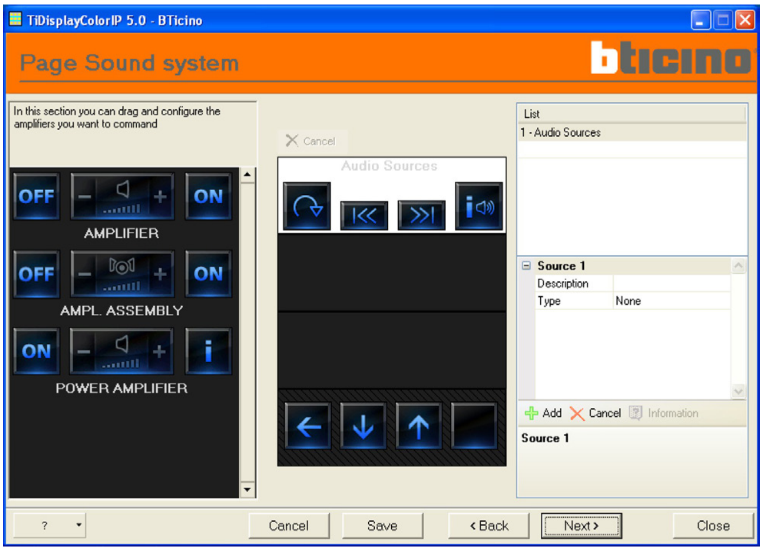
Present
Define presence of zone

It is not possible to eliminate any zone from the CONFIGURATION Area and from the DISPLAY Area.

When you have finished assigning the name of the zones, click **Next** to go to the next customisation or **Back** to return to the previous screen.

4.11. Sound system page

If the sound system icon has been previously included, the following screen will appear:



TiDisplayColorIP 5.0 - BTicino

Page Sound system

In this section you can drag and configure the amplifiers you want to command

List
1 - Audio Sources

Source 1
Description
Type: None

Source 1

bticino
OFF
ON
AMPLIFIER
OFF
ON
AMPL. ASSEMBLY
ON
POWER AMPLIFIER
Cancel
Audio Sources
Add
Cancel
Information
?
Cancel
Save
< Back
Next >
Close

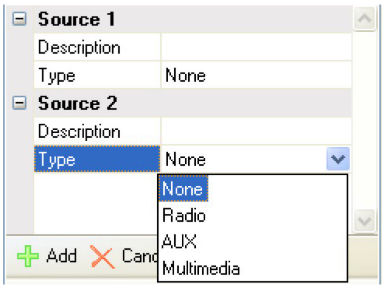
The screen is divided into 3 frames:

- The ITEM Area, on the left, contains the Amplifier and amplifier assembly icons
- The DISPLAY Area, in the middle, represents the Touch screen and contains the Audio Source icon
- In the CONFIGURATION Area, on the right, it is possible to customise the description of each control and to set its configuration

The Audio Source icon is already enabled; In the CONFIGURATION Area, it is possible to determine the Description and Type

- Double click the field on the right of the Description option, and enter a new name: e.g. CD.
- Now select **Type** and select among the items present (for the sound source to work correctly, at least an audio source and an amplifier must be set); click „**Add**" if you wish to add a new Audio Source (up to 9 maximum).

  The **Radio** selection refers to the Radio tuner (item **F500**). The **AUX** selection refers to an external source (e.g. CD player) connected to the Stereo Control (item **L4561N**), while the Multimedia selection refers to the external source (item 3496).



Source 1
Description
Type: None
Source 2
Description
Type: None

None
Radio
AUX
Multimedia
Add
Canc

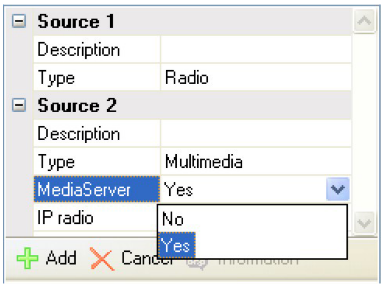
If you want to eliminate a source:

- Select it from the list.
- Click **Cancel**.
- The source will be eliminated..

Multimedia

Select Multimedia to set the Media server enabling parameter (Yes/No). If the Media server is enabled, it will be possible to listen to .mp3 tracks on a PC connected with a shared multimedia catalogue through the LAN network

⚠ **Warning**: The first source connected cannot be a Multimedia type source.



Source 1
Description
Type: Radio
Source 2
Description
Type: Multimedia
MediaServer: Yes
IP radio

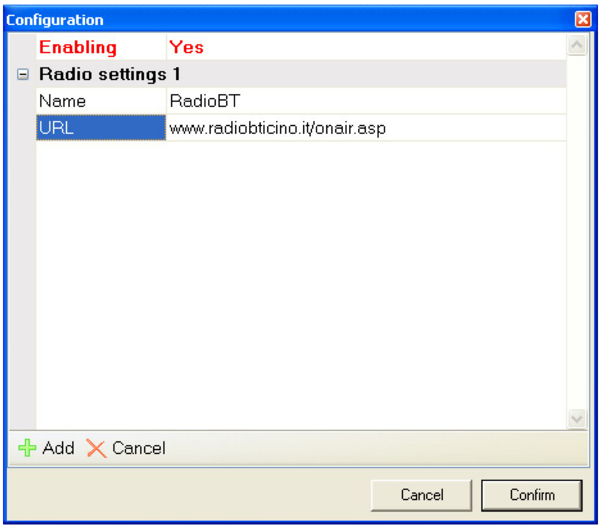
No
Yes
Add
Cancel
Information

Radio IP

Click ... to display the configuration window, where Radio IP must be enabled.

Click Add (Add) to enter up to 20 Radio IPs. For each radio the name and URL must also be entered
(e.g. Name: Radio BT, URL: www.radiobticino.it/onair.asp)

⚠ **Warning**: A FLAT type connection is necessary for the “Radio IP” function to work.



Configuration
Enabling: Yes
Radio settings 1
Name: RadioBT
URL: www.radiobticino.it/onair.asp

Add
Cancel
Cancel
Confirm

⚠ The WebRadio application, included in the CD, allows to access a database of URL addresses.

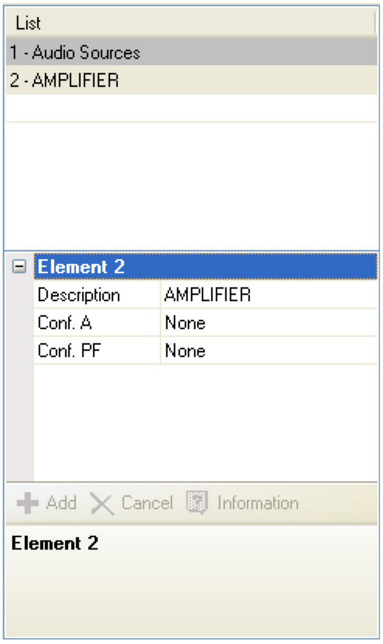
bticino
Copyright BTicino S.p.A
WebRadio
Version 1.0
Build 6

After specifying the audio sources, it is necessary to configure the amplifiers in the system.

After dragging the icon of the amplifier into the display (up to a maximum of 20 elements), follow the indications below to customise and configure the amplifiers.

Click on the amplifier icon to be customised in the DISPLAY area (if necessary, use the arrows) or click the element in the list of the CONFIGURATION Area.

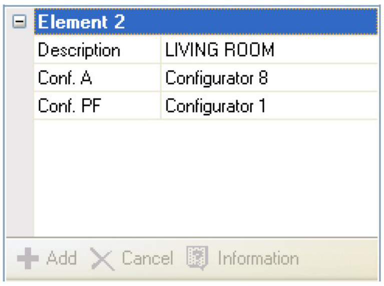
The bottom part of the CONFIGURATION Area proposes the customisation and configuration elements regarding the selected icons.



Description	AMPLIFIER
Conf. A	None
Conf. PF	None

Amplifier **Configuration**

- Double click the field on the right of the Description option, and enter a new name: e.g. LIVING ROOM. Any text entered will be shown on the display.
- Now select **Conf. A**, which will be enabled. In fact, an arrow will appear which, after selecting it, will propose a series of configurators that can be associated from 1 (configurator 1) to 9 (configurator 9). Select the one which corresponds to configurator A in the amplifier you want to associate.
- Repeat the same procedure for **Conf. PF** and select the one which corresponds to configurator PF in the amplifier you want to associate.



Description	LIVING ROOM
Conf. A	Configurator 8
Conf. PF	Configurator 1

Amplifier assembly configuration (associating several amplifiers).
This item can be used to control several amplifiers at the same time.

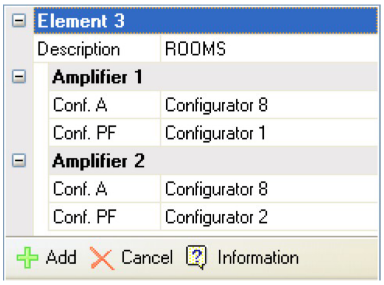
For the configuration proceed as follows:

- Double click the field on the right of the Description option, and enter a new name: e.g. ROOMS.

•Now, in the CONFIGURATION Area, enter all the amplifiers you need to enable when the "ROOMS" icon will be touched on the device: click **Add** to enter a new amplifier.

When all amplifiers have been defined, start configuring:

- Now select **Conf. A** in the CONFIGURATION Area; an arrow will appear which, after selecting it, will propose a series of configurators that can be associated from 1 (configurator 1) to 9 (configurator 9).
- Repeat the same procedure for **Conf. PF** and select the one corresponding to the configurator placed in **PF** on the amplifier you want to control.
- Repeat the procedure for all associated amplifiers:

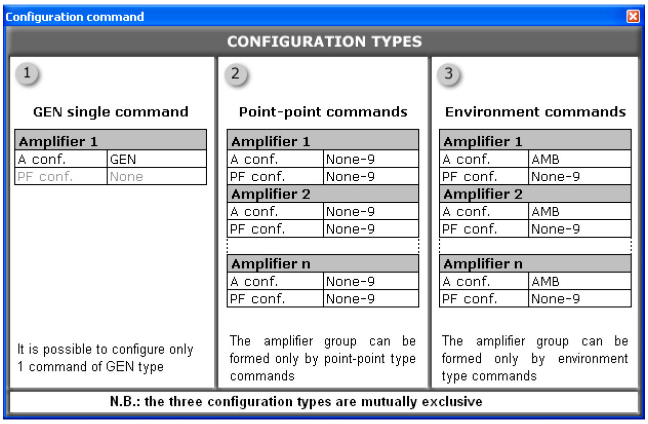


Element 3	
Description	ROOMS
Amplifier 1	
Conf. A	Configurator 8
Conf. PF	Configurator 1
Amplifier 2	
Conf. A	Configurator 8
Conf. PF	Configurator 2

If you want to eliminate an amplifier:

- Click on it in the DISPLAY Area.
- Click the **Cancel** button placed above the DISPLAY Area.
- The amplifier will be eliminated.

As for the **Amplifier assembly**, composite configurations are allowed only from controls of the same kind; only point-point controls, only environment controls, only controls to groups or to a single GEN control.
For more details click on "**Information**". This becomes active as soon as one of the amplifier assemblies is selected



CONFIGURATION TYPES

1 GEN single command

Amplifier 1	
A conf.	GEN
PF conf.	None

It is possible to configure only 1 command of GEN type

2 Point-point commands

Amplifier 1	
A conf.	None-9
PF conf.	None-9
Amplifier 2	
A conf.	None-9
PF conf.	None-9
Amplifier n	
A conf.	None-9
PF conf.	None-9

The amplifier group can be formed only by point-point type commands

3 Environment commands

Amplifier 1	
A conf.	AMB
PF conf.	None-9
Amplifier 2	
A conf.	AMB
PF conf.	None-9
Amplifier n	
A conf.	AMB
PF conf.	None-9

The amplifier group can be formed only by environment type commands

N.B.: the three configuration types are mutually exclusive

When you have finished configuring the Sound system page, click **Next** to proceed or **Back** to return to the previous screen.

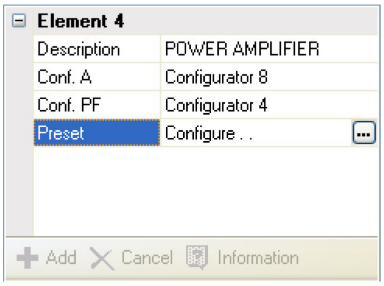
Power amplifier configuration

This item allows to control the new power amplifier.

Configuration can be performed as described below:

- Click twice on the field right of the **Description** item and rename it.
- Now select **Conf. A**, which will thus be enabled: an arrow will be displayed. Once selected, the arrow will propose a series of configurators which can be associated with numbers from 1 (configurator 1) to 9 (configurator 9). Select the one corresponding to the configurator A inserted in the amplifier to be associated.
- Repeat the same operation with **Conf. PF** and select the one corresponding to the PF configurator inserted in the amplifier to be associated.

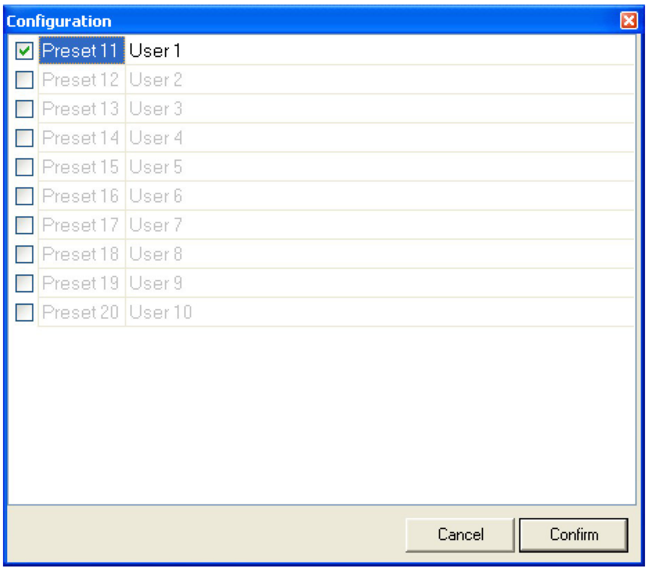
If additional equalisation curves need to be added, select **Preset**.



Element 4

Description	POWER AMPLIFIER
Conf. A	Configurator 8
Conf. PF	Configurator 4
Preset	Configure . .

Click on … to display the personalized equalisation curve selection window:



☑ Preset 11 User 1
☐ Preset 12 User 2
☐ Preset 13 User 3
☐ Preset 14 User 4
☐ Preset 15 User 5
☐ Preset 16 User 6
☐ Preset 17 User 7
☐ Preset 18 User 8
☐ Preset 19 User 9
☐ Preset 20 User 10

Warning: the personalized equalisation curves refer to the curves set in the power amplifier under the name User 1 - 10.

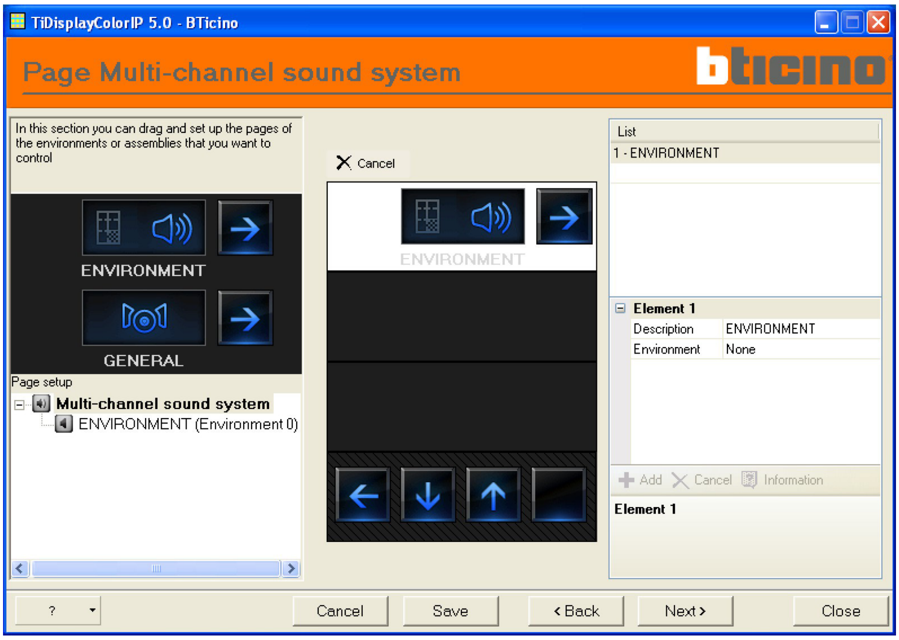
4.12. Page Multi-channel sound system

The configuration of this system introduces a new graphic element in the page: the levels represent the structure of the pages that will be displayed on the Touch screen. You will initially be in the first page of the multi-channel sound system.
To configure this page, drag an Environment item for each environment of the system as well as the General item if you want to control all amplifiers.

Environment configuration

This item represents a connection for accessing the actual environment page. A note in the tree, at the bottom left, will appear each time an environment item is dragged. To configure the environment the following fields must be completed:

- **Description**: specify a name for the Environmental
- **Environment**: specify the value of the configurator A that characterises the environment


TiDisplayColorIP 5.0 - BTicino
Page Multi-channel sound system
bticino
ENVIRONMENT
GENERAL
Cancel
ENVIRONMENT
Add
Cancel
Information
?
Cancel
Save
< Back
Next >
Close

In this section you can drag and set up the pages of the environments or assemblies that you want to control

Page setup
Multi-channel sound system
ENVIRONMENT (Environment 0)

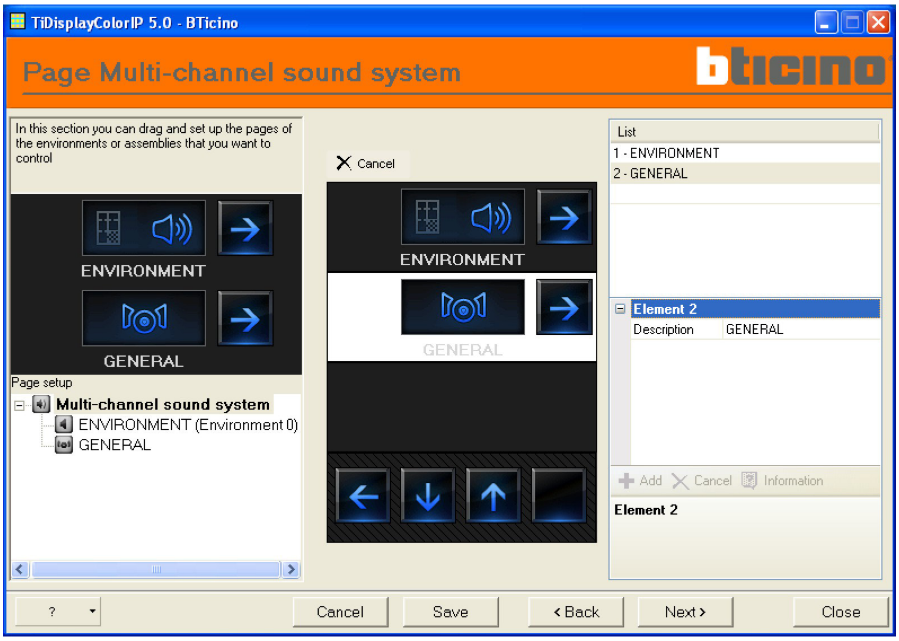
List
1 - ENVIRONMENT

Element 1
Description: ENVIRONMENT
Environment: None

Element 1

General Configuration

This item represents a connection to the General page hence, if required, you will only need to modify its description.


TiDisplayColorIP 5.0 - BTicino
Page Multi-channel sound system
bticino
ENVIRONMENT
GENERAL
Cancel
ENVIRONMENT
GENERAL
Add
Cancel
Information
?
Cancel
Save
< Back
Next >
Close

In this section you can drag and set up the pages of the environments or assemblies that you want to control

Page setup
Multi-channel sound system
ENVIRONMENT (Environment 0)
GENERAL

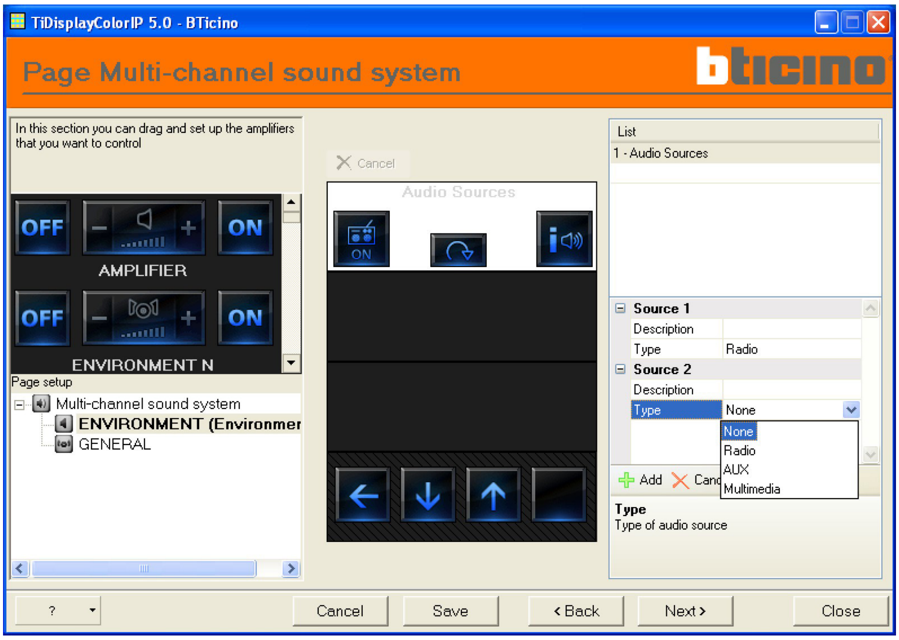
List
1 - ENVIRONMENT
2 - GENERAL

Element 2
Description: GENERAL

Element 2

After configuring the initial page, proceed to configuring the pages for the various environments by clicking on the relevant levels. For each environment there is a page similar to that of the Sound System, where it is possible to:

- Configure the sources of the system. It is possible to configure up to 4 sources.
- Drag the amplifiers and configure them just like the conventional sound system.
- Drag the environment control which allows you to act on all the amplifiers of the environment; only its description can be changed.


TiDisplayColorIP 5.0 - BTicino
Page Multi-channel sound system
bticino
OFF
ON
AMPLIFIER
OFF
ON
ENVIRONMENT N
Cancel
Audio Sources
ON
Add
Cancel
?
Cancel
Save
‹ Back
Next ›
Close

In this section you can drag and set up the amplifiers that you want to control

Page setup
- Multi-channel sound system
  - ENVIRONMENT (Environmer
  - GENERAL

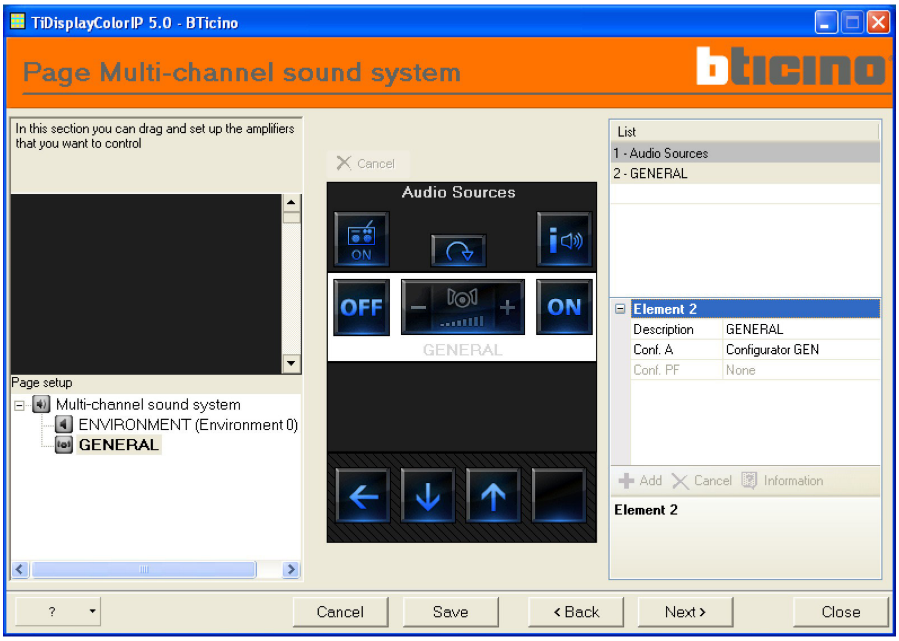
List
1 - Audio Sources

Source 1	
Description	
Type	Radio
Source 2	
Description	
Type	None

None
Radio
AUX
Multimedia

Type
Type of audio source

The **General** page already includes the control used for acting on the amplifiers of the system; only its description can be changed.


TiDisplayColorIP 5.0 - BTicino
Page Multi-channel sound system
bticino
Cancel
Audio Sources
ON
OFF
ON
GENERAL
Add
Cancel
Information
?
Cancel
Save
‹ Back
Next ›
Close

In this section you can drag and set up the amplifiers that you want to control

Page setup
- Multi-channel sound system
  - ENVIRONMENT (Environment 0)
  - GENERAL

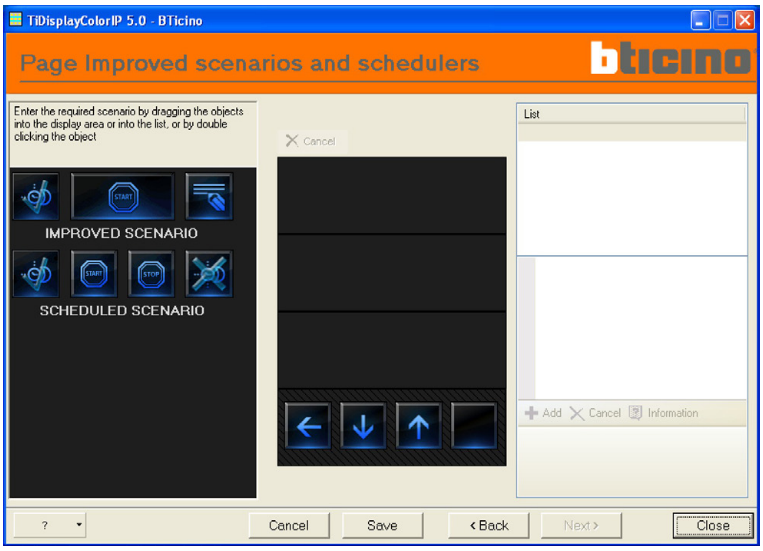
List
1 - Audio Sources
2 - GENERAL

Element 2	
Description	GENERAL
Conf. A	Configurator GEN
Conf. PF	None

Element 2

To return to the main page of the multi-channel sound system, click the button ← or select Multi-channel sound system on the tree menu.

4.13. Page Improved scenario and scheduler


TiDisplayColorIP 5.0 - BTicino
Page Improved scenarios and schedulers
bticino
IMPROVED SCENARIO
SCHEDULED SCENARIO
Cancel
List
Add
Cancel
Information
?
Cancel
Save
< Back
Next >
Close

Enter the required scenario by dragging the objects into the display area or into the list, or by double clicking the object

Improved scenario configuration

It enables to create a conditioned command.
It is possible to define the **Time condition** (hours, minutes), or the **Device condition**, or both. If set, the device condition may be referred to:

- a **light Actuator**
- a **Dimmer**
- a **100 Dimmer**
- an **Amplifier**
- a **Temperature control** (of **controlled zone**, **external sensor**, or **non-controlled zone**)
- an **Auxiliary** device

Configure this parameter as described below:

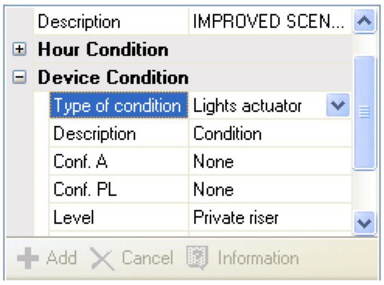
Type: **Lights actuator**

- Select **Description** and complete the field

Now select **Conf. A**, which will be enabled. In fact, an arrow will appear which, after selecting it, will propose a series of configurators that can be associated from 1 (configurator 1) to 9 (configurator 9). Select the one which corresponds to configurator A in the control device (dimmer, actuator, etc.) you want to associate.

- Now select **Conf. PL** and select the one which corresponds to configurator PL in the control device (dimmer, actuator, etc.) you want to associate.
- Repeat the same procedure for **Level** and select the associated level (private riser = level 3 or Local Bus = level 4).

  If you select Level = Bus, the **Interface** field will appear. In this case, select Interface to assign the address of the interface of the logical expansion in which the object to control is situated. Interface address that can be associated from 1 (interface 1) to 9 (interface 9).
- Now select **Status** and select the status of the device (ON or OFF)



Description	IMPROVED SCEN...
Hour Condition	
Device Condition	
Type of condition	Lights actuator
Description	Condition
Conf. A	None
Conf. PL	None
Level	Private riser

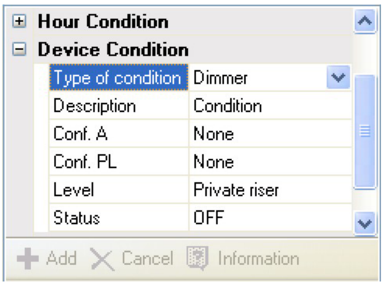
Add
Cancel
Information

Type: **Dimmer and Dimmer 100**

- Select **Description** and complete the field
- Now select **Conf. A**; an arrow will appear which, after selecting it, will propose a series of configurators that can be associated from 0 (none) to 9 (configurator 9). Select the one which corresponds to configurator A in the control device (dimmer, actuator, etc.) you want to associate.
- Now select **Conf. PL** and select the one which corresponds to configurator PL in the control device (dimmer, actuator, etc.) you want to associate.
- Repeat the same procedure for **Level** and select the associated level (private riser = level 3 or Local Bus = level 4).
  If you select Level = Bus, the **Interface** field will appear.

  In this case, select Interface to assign the address of the interface of the logical expansion in which the object to control is situated. The interface address ranges from 1 to 9 for dimmer 10 and from 1 to 9 for dimmer 100).

Now select Status and select the status of the device (OFF, ON from 20% to 40%)



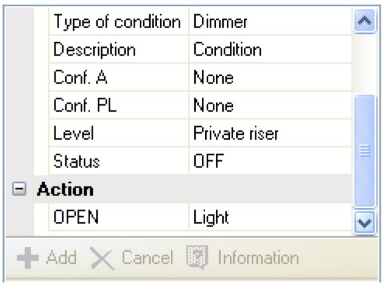
Hour Condition

Device Condition

Type of condition	Dimmer
Description	Condition
Conf. A	None
Conf. PL	None
Level	Private riser
Status	OFF

Type: **Amplifier**

- Select **Description** and complete the field.
- Select **Conf A** and **Conf PF** to specify the address of the zone.
- Select **Volume** to specify the volume whereby the condition occurs.
  (Ex: ON from 21% to 40% ecc).



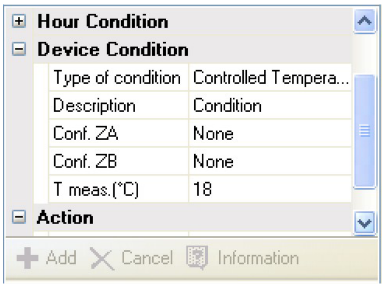
Type of condition	Dimmer
Description	Condition
Conf. A	None
Conf. PL	None
Level	Private riser
Status	OFF

Action

OPEN	Light

Type **controlled zone Temperature Regulation**

- Select **Description** and fill the field.
- Select **Conf ZA** and **Conf ZB** to define the zone address.
- Select **T meas.** (°C) to define the temperature at which the condition occurs. The condition will occur within a temperature interval between T°C +/- 1.



Hour Condition

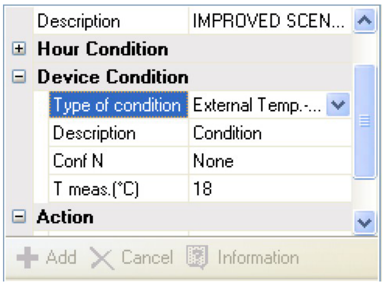
Device Condition

Type of condition	Controlled Tempera...
Description	Condition
Conf. ZA	None
Conf. ZB	None
T meas.(°C)	18

Action

Type **external sensor Temperature Control**

- Select **Description** and fill the field.
- Select **Conf N** to define the address of the external sensor.
- Select T meas. (°C) to define the temperature at which the condition occurs.
  The condition will occur within a temperature interval between T°C +/- 1.



Description	IMPROVED SCEN...

Hour Condition

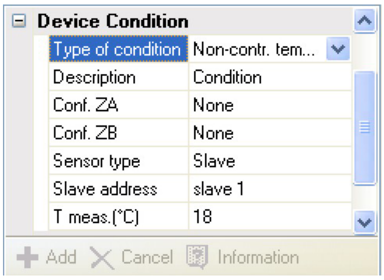
Device Condition

Type of condition	External Temp.-...
Description	Condition
Conf N	None
T meas.(°C)	18

Action

Type **non-controlled zone Temperature Regulation**

- Select **Description** and fill the field.
- Select Conf ZA and Conf ZB to define the non-controlled zone address.
- For sensor Type select slave.
- Select Slave address and define the address of the corresponding sensor.
- Select T meas. (°C) to define the temperature at which the condition occurs.
  The condition will occur within a temperature interval between T°C +/- 1.

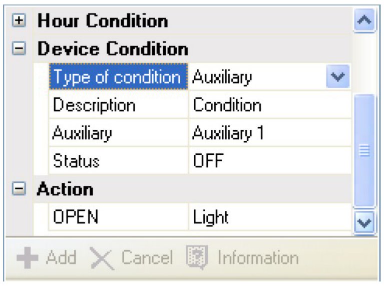


Device Condition

Type of condition	Non-contr. tem...
Description	Condition
Conf. ZA	None
Conf. ZB	None
Sensor type	Slave
Slave address	slave 1
T meas.(°C)	18

Auxiliary type

- Select **Description** and fill the field.
- Select **Auxiliary** to define the number (from 1 to 9) of the auxiliary device.
- Now select **Status** and select the device status (OFF or ON).



Hour Condition

Device Condition

Type of condition	Auxiliary
Description	Condition
Auxiliary	Auxiliary 1
Status	OFF

Action

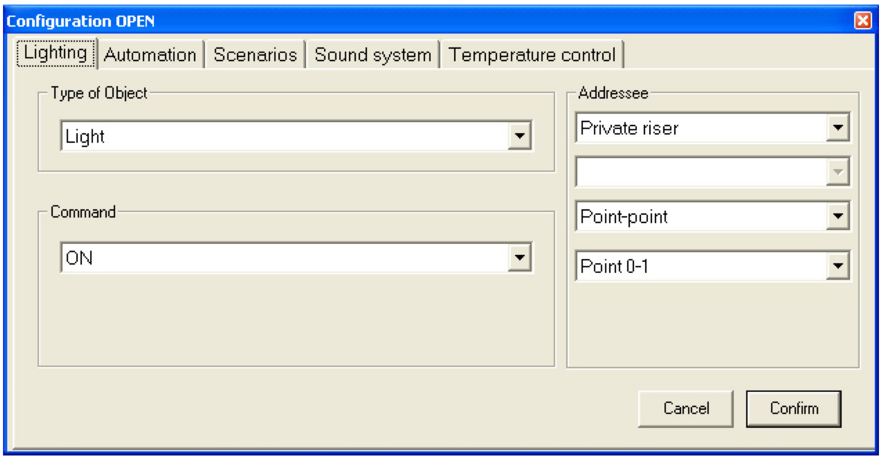
OPEN	Light

Action: this is the action to be taken when the set conditions occur. To determine the command, click in the **Action** field and then on thee … button
In the displayed window, it is possible to determine the commands by selecting the tab referred to the system to be controlled, thus setting the following information:

– **Type of Object**: it is possible to choose among the types of objects belonging to the system. These objects are the same as those situated in the Touch screen page.

– **Addressee**: with these fields, the address of the addressee of the command will be specified. If some objects have been configured in the pages, their description will be specified in the point-point combo board of their system, next to their address.

– **Command**: depending on the type of object selected, it is possible to configure the command to be sent to the object.



Configuration OPEN

Type of Object: Light

Command: ON

Addressee: Private riser; Point-point; Point 0-1

After confirming the configuration, the type of object that will be controlled will appear in the **Action** field.

Scheduled scenario configuration

Enables you to control a programmed scenario in the device. Scenario programmer (future application).

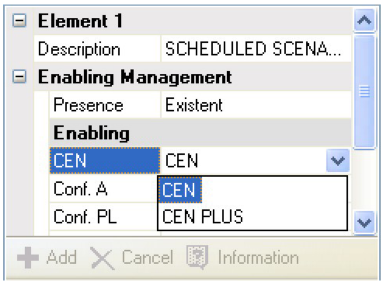
It is possible to simulate CEN-type commands configured in the scenario.

The four possible actions are:

- Enable scenario	- Disable scenario
- Start	- Stop

The first two actions (**Enabling and Disabling**) can be configured in pairs.
These controls allow enabling/disabling of the scenario without operating it.
If a forwarding condition occurs, the scenario actions will be performed.
The Start and Stop commands are start/stop conditions of the scenario.
All Enable, Disable, Start and Stop command must correspond to the same ones set in the scenario as specified in the Scenario Programmer.

⚠ **Warning:** Do **not select CEN PLUS (future application)**.



Element 1

Description	SCHEDULED SCENA...

Enabling Management

Presence	Existent

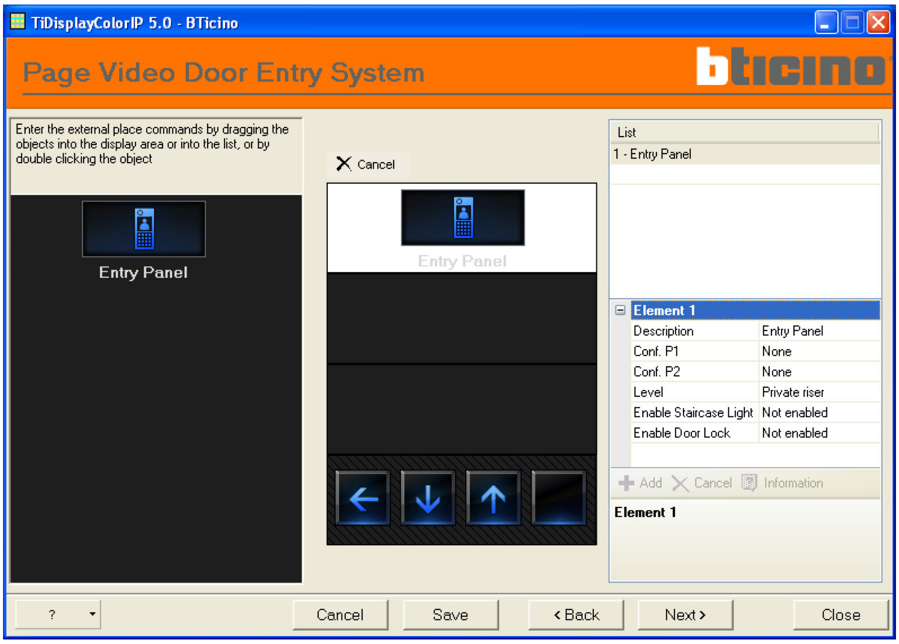
Enabling

CEN	CEN
Conf. A	CEN
Conf. PL	CEN PLUS

4.14. Page Video door-entry system

Lets you configure which entrance panels can be controlled by the Touch screen; it is possible to control the door lock and the staircase light for each entrance panel.

- Description: select Description and complete the field
- Specify the value of configurator P1 of the entrance panel. The allowed values range from 0 to 9
- Specify the value of configurator P2 of the entrance panel. The allowed values range from 0 to 9. It cannot be higher than 5 if P1 is 9.
- Specify if a staircase light activation control is associated with the entrance panel
- Specify if a door lock opening control is associated with the entrance panel



Enter the external place commands by dragging the objects into the display area or into the list, or by double clicking the object

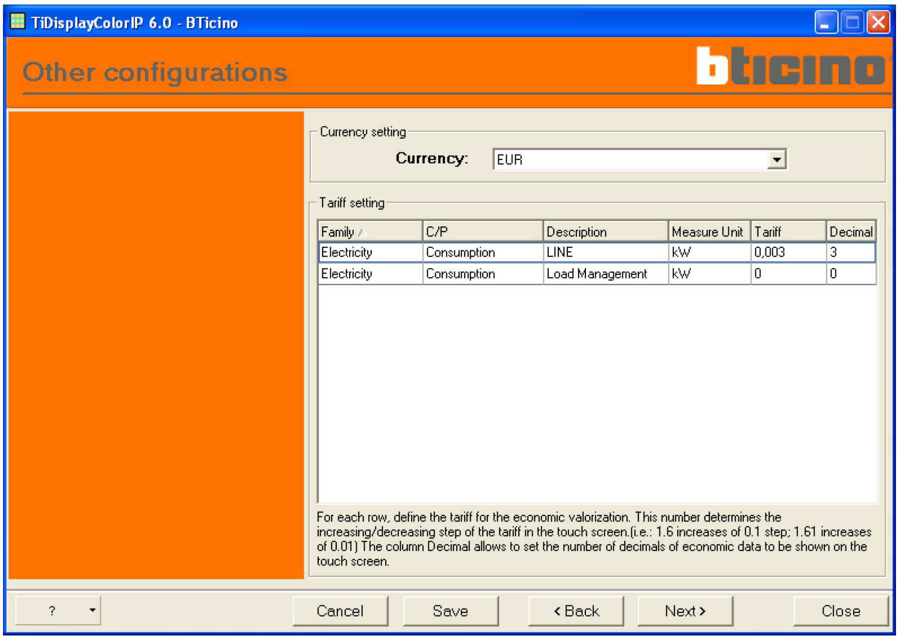
List
1 - Entry Panel

Element 1

Description	Entry Panel
Conf. P1	None
Conf. P2	None
Level	Private riser
Enable Staircase Light	Not enabled
Enable Door Lock	Not enabled

4.15. Setting the currency

If at least one of the two applications, **Load management new**”, or “**Energy data**”, was previously included, with the economic display option, clicking “**Next**” will cause the following screen to display.



TiDisplayColorIP 6.0 - BTicino

Other configurations

Currency setting

Currency: EUR

Tariff setting

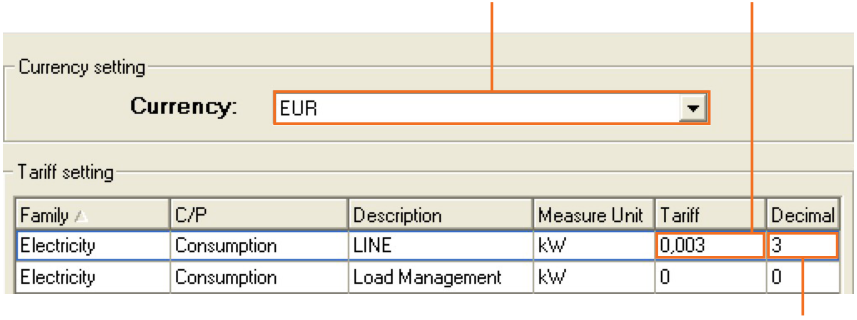
Family	C/P	Description	Measure Unit	Tariff	Decimal
Electricity	Consumption	LINE	kW	0,003	3
Electricity	Consumption	Load Management	kW	0	0

For each row, define the tariff for the economic valorization. This number determines the increasing/decreasing step of the tariff in the touch screen.(i.e.: 1.6 increases of 0.1 step; 1.61 increases of 0.01) The column Decimal allows to set the number of decimals of economic data to be shown on the touch screen.

?
Cancel
Save
< Back
Next >
Close

Currency selection

Enter the tariff



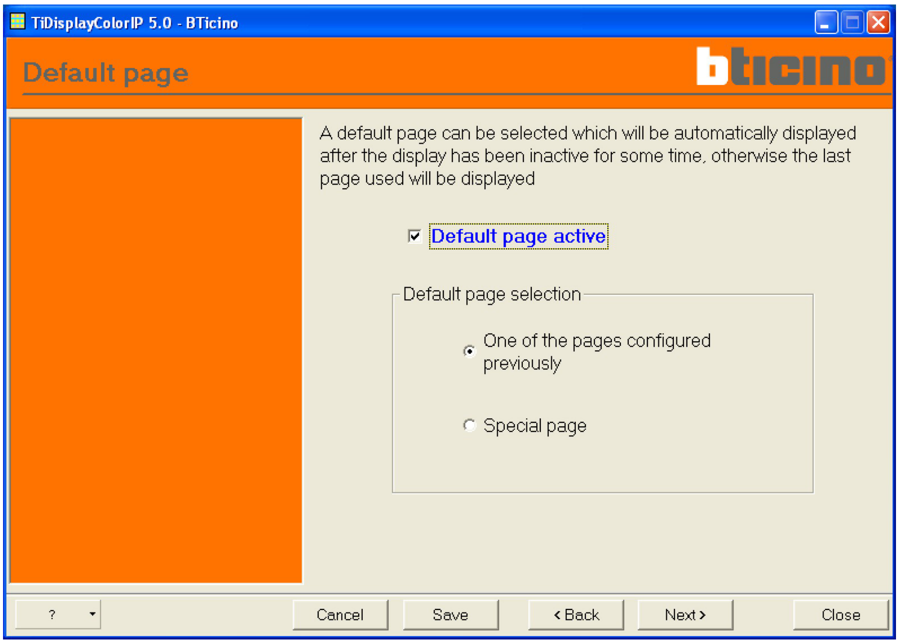
Currency setting
Currency:
EUR
Tariff setting
Family
C/P
Description
Measure Unit
Tariff
Decimal
Electricity
Consumption
LINE
kW
0,003
3
Electricity
Consumption
Load Management
kW
0
0

Enter the number of decimals to display on the Touch Screen for the valorization.

4.16. Default page

After customising the various pages which will allow you to browse the Touch screen, it is necessary to specify which one shall be the page to be normally displayed on the device. Enable the default page only if you want the Touch screen (after standing idle for some time) to change to a specific page.

Hence, the programme will show the following screen:


TiDisplayColorIP 5.0 - BTicino
Default page
bticino
? ▾
Cancel
Save
< Back
Next >
Close

A default page can be selected which will be automatically displayed after the display has been inactive for some time, otherwise the last page used will be displayed

☑ Default page active

Default page selection

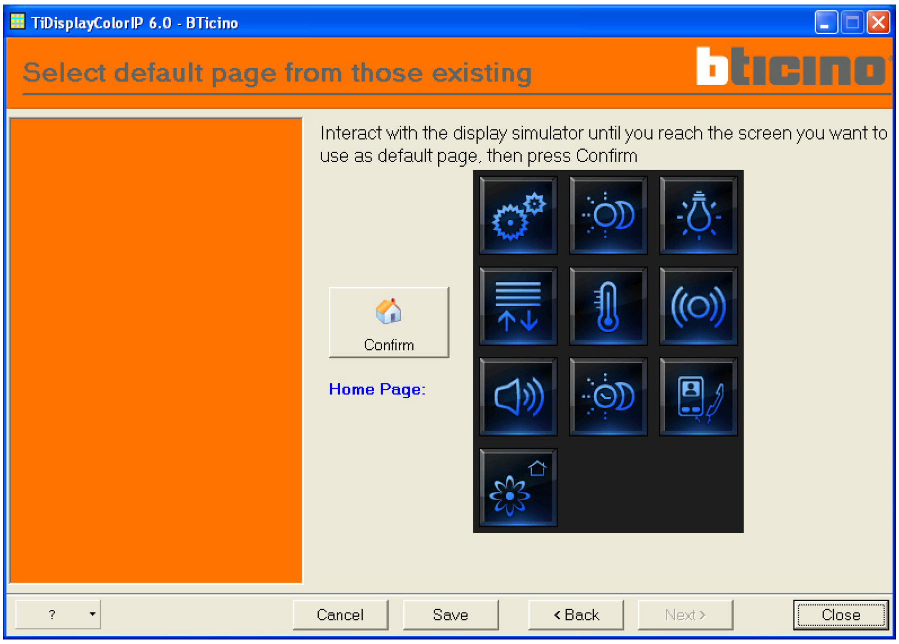
● One of the pages configured previously

○ Special page

If you want to specify a default page:

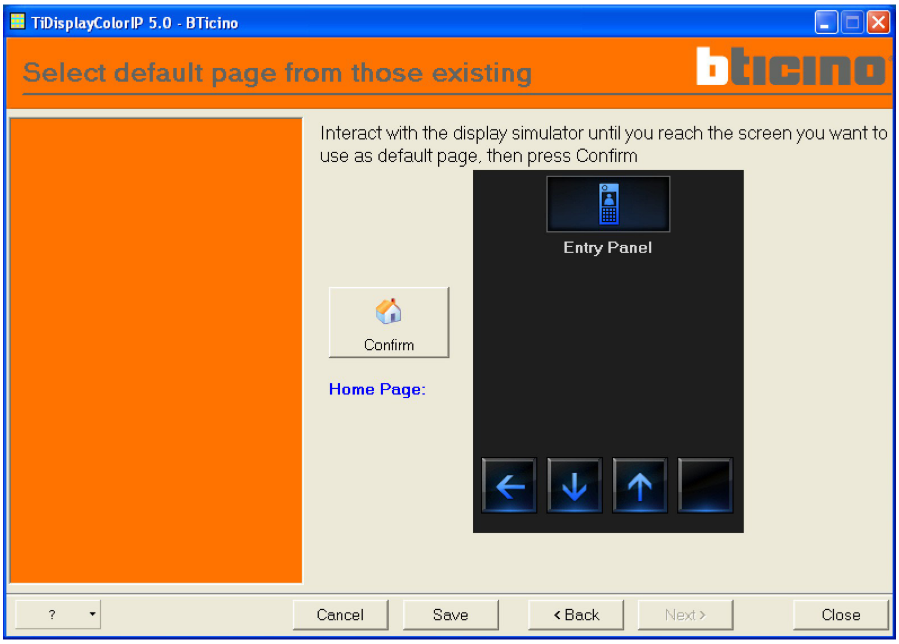
- Select **Enable default** page using your mouse.
- Now select the type of page to be displayed between **One of the pages configured previously** and **Special page**.
- Now click Next.

The page that will be displayed depends on the choice you have just made. If the choice is **One of the pages configured previously**, the following screen will appear:


TiDisplayColorIP 6.0 - BTicino
Select default page from those existing
bticino
Confirm
Home Page:
? ▾
Cancel
Save
< Back
Next >
Close

Interact with the display simulator until you reach the screen you want to use as default page, then press Confirm

To select the page to be displayed, interact with the simulator of the display until you reach the required page; then press **Confirm**.

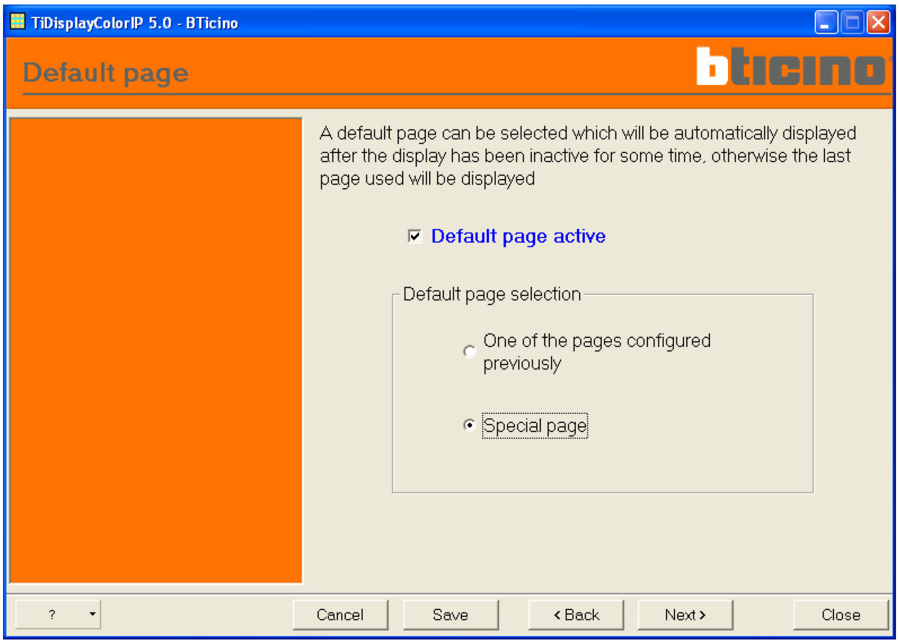


TiDisplayColorIP 5.0 - BTicino
Select default page from those existing
bticino

Interact with the display simulator until you reach the screen you want to use as default page, then press Confirm

Entry Panel
Confirm
Home Page:
?
Cancel
Save
< Back
Next >
Close

Alternatively, it is possible to create a customised page by selecting the option **Special page**



TiDisplayColorIP 5.0 - BTicino
Default page
bticino

A default page can be selected which will be automatically displayed after the display has been inactive for some time, otherwise the last page used will be displayed

☑ Default page active

Default page selection

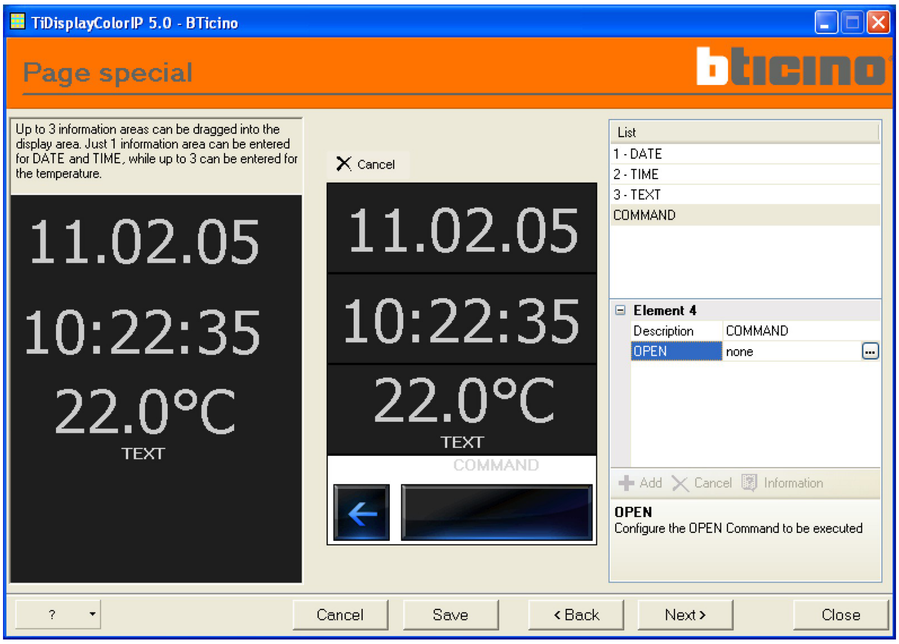
○ One of the pages configured previously

● Special page

?
Cancel
Save
< Back
Next >
Close

- Select **Special page**
- Now click Next.

The following screen will appear:


TiDisplayColorIP 5.0 - BTicino
Page special
bticino
Cancel
11.02.05
10:22:35
22.0°C
TEXT
COMMAND
Add
Cancel
Information
?
Cancel
Save
< Back
Next >
Close

Up to 3 information areas can be dragged into the display area. Just 1 information area can be entered for DATE and TIME, while up to 3 can be entered for the temperature.

List
1 - DATE
2 - TIME
3 - TEXT
COMMAND

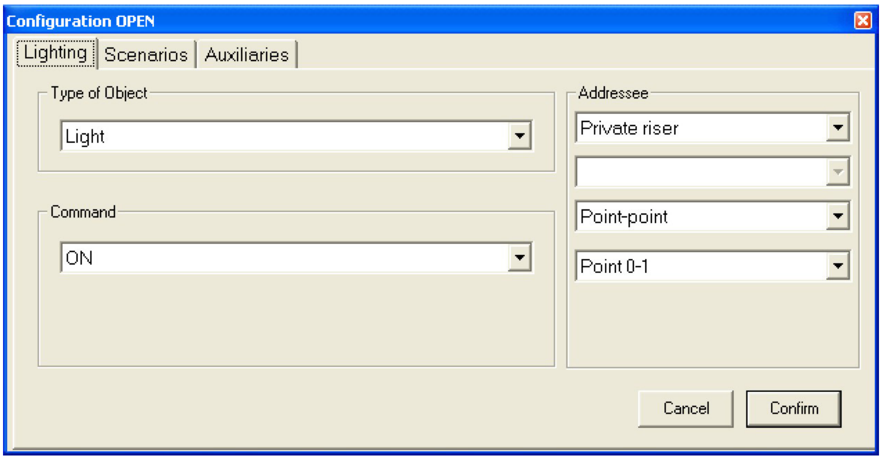
Element 4

Description	COMMAND
OPEN	none

OPEN
Configure the OPEN Command to be executed

In the display area, enter the information you want to display in the Default page by selecting Time, Date and Temperature; there are 3 available fields; Date and Time may appear only once, whereas it is possible to enter the temperature for different zones (max. 3).

Then, configure the special command with the following screen.


Configuration OPEN
Lighting
Scenarios
Auxiliaries
Cancel
Confirm

Type of Object: Light

Command: ON

Addressee: Private riser

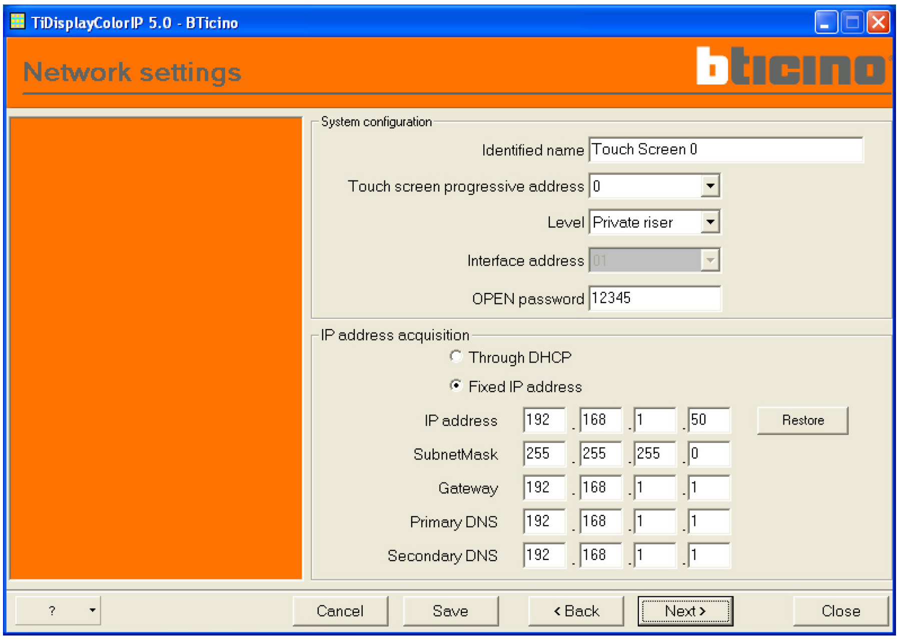
Point-point

Point 0-1

After completing the setting, click Next.

5. Setting up the device and ending the configuration

In this page it is possible to determine the settings of the Touch screen.



TiDisplayColorIP 5.0 - BTicino

Network settings

System configuration

Identified name: Touch Screen 0

Touch screen progressive address: 0

Level: Private riser

Interface address: 01

OPEN password: 12345

IP address acquisition

○ Through DHCP

● Fixed IP address

IP address: 192 . 168 . 1 . 50

SubnetMask: 255 . 255 . 255 . 0

Gateway: 192 . 168 . 1 . 1

Primary DNS: 192 . 168 . 1 . 1

Secondary DNS: 192 . 168 . 1 . 1

System configuration

Identification name: enter the name to be assigned to the device (Touch Screen).

Touch Screen progressive address: enter the Touch Screen progressive number. This is the name of the Touch Screen connected to the system (first installed, second installed, etc.).

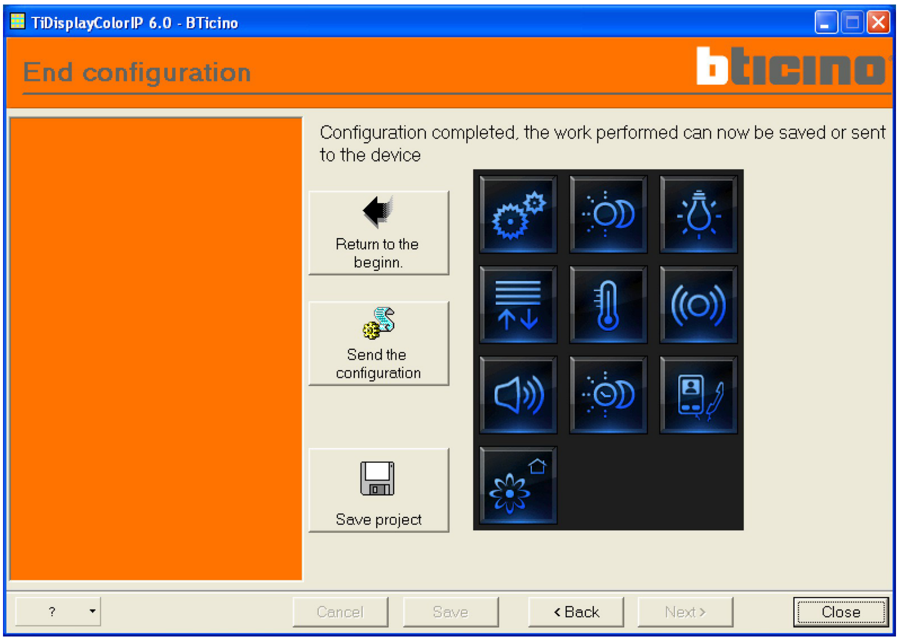
Level: enter the level on which the Touch Screen is positioned (Private riser/Local Bus).

Interface address: if the Touch Screen is positioned on "Local Bus", select the interface address (from 01 to 09).

Open Password: Enter the OPEN password for the remote control of the My Home system.

IP address acquisition

Define the parameters for Ethernet connection of the Touch Screen with the PC.



TiDisplayColorIP 6.0 - BTicino

End configuration

Configuration completed, the work performed can now be saved or sent to the device

You can now decide whether to send the configuration created to a Touch screen (see following chapter), save the project to disk (select **Save project** and execute), or return to the main page.

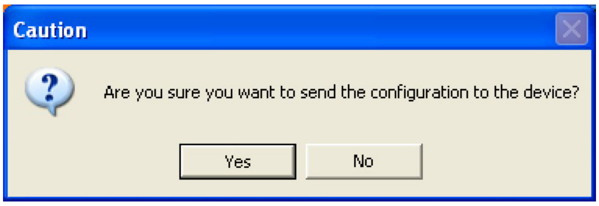
To close the program click "**Close**".

6. Send configuration to Touch screen

To send the configuration, the Touch screen must be connected to a PC, as described in paragraph 3.7.

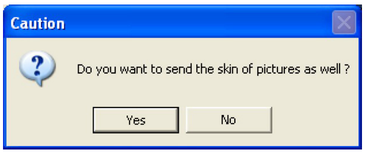
After completing all the procedures and the settings required in the TIDISPLAY programme, press **Send configuration** and then confirm by pressing **YES** in the next message.

The following will appear:


Caution

Are you sure you want to send the configuration to the device?

The following will appear:

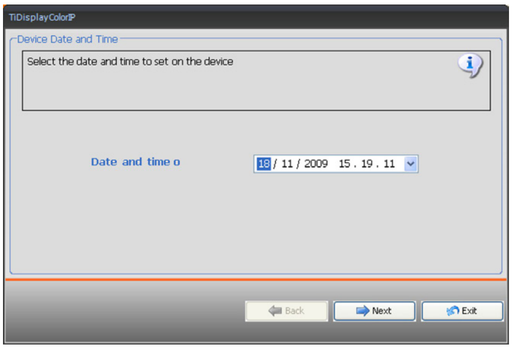

Caution

Do you want to send the skin of pictures as well ?

Press **YES** if you want to set the previously-selected skin on the device.

Press **NO** is you want to send only the configuration of the pages and keep the current skin.

The following will appear:


TiDisplayColorIP

Device Date and Time

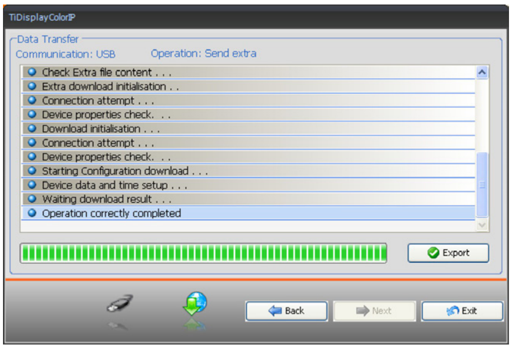
Select the date and time to set on the device

Date and time o 18 / 11 / 2009 15 . 19 . 11

Set time and date from the device. Click Next to display a screen for the selection of the mode of connection to the item (for the connection procedure see chapter 3.4).

Now wait until the Touch screen receives all the data.

At the end of the process, the following screen will be displayed on the PC:


TiDisplayColorIP
Data Transfer
Communication: USB
Operation: Send extra
Export
Back
Next
Exit

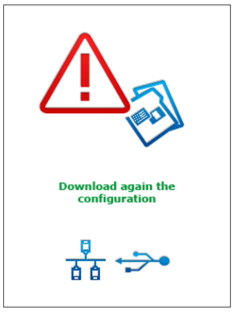
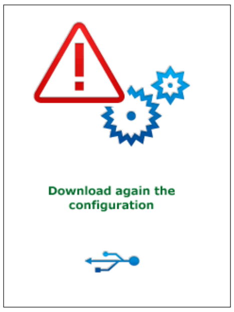
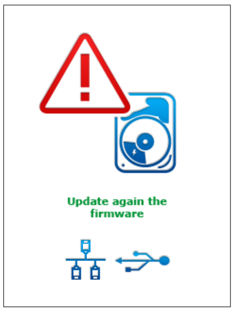
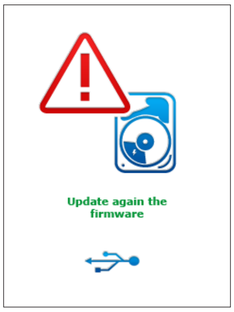
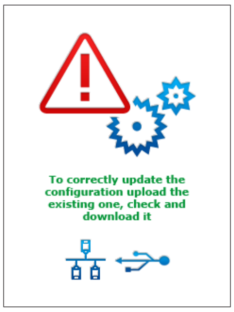
```
Check Extra file content . . .
Extra download initialisation . .
Connection attempt . . .
Device properties check.  . .
Download initialisation . . .
Connection attempt . . .
Device properties check.  . .
Starting Configuration download . . .
Device data and time setup . . .
Waiting download result . . .
Operation correctly completed
```

Click the Exit to confirm..

Check if the download has been completed successfully on the Touch screen and then **Disconnect** the cable between the Touch screen and the PC.

Click "**Close**" to close the program, "**Back**" to make further changes to the configuration, or "**Return to main page**" to return to the main page.

7. Error messages

MESSAGE		SOLUTION
 Download again the configuration	Part of the configuration is corrupted, for examples the skin images or the language files	Download the configuration again using the Ethernet or USB connection
 Download again the configuration	Device configuration error	Download a configuration via USB
 Update again the firmware	The configuration or device applications are corrupted	Download a configuration, and if necessary also the firmware, using the USB connection
 Update again the firmware	Application mode error	Update the firmware via USB
 To correctly update the configuration upload the existing one, check and download it	Following a firmware update, the current configuration is not supported	Perform a configuration upgrade and repeat the download via Ethernet or USB

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