

Televis

The cloud solution for site monitoring



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GETTING STARTED

MINIMUM REQUIREMENTS

- 1 TelevisBlue Gateway
- 1 Eliwell controller with RS485 serial
- 1 SLA (Service Level Agreement) license - already included in the Gateway purchase
- A device connected to the Internet (Personal Computer, smartphone or tablet) for remote access to system configuration data via the site www.televisblue.com

MODELS

CODE	DESCRIPTION	NUMBER OF RESOURCES / NOTES	OPERATIONS
TelevisBlue Plus			
12 months of service included. Monitoring, Reports and Alarms, Centralised data access and Remote controller maintenance			
TBR2P011E0000	TelevisBlue Plus 005-1Y 2G	5	1000
TBR2P051E0000	TelevisBlue Plus 025-1Y 2G	25	1000
TBR2P101E0000	TelevisBlue Plus 050-1Y 2G	50	5000
TBR2P301E0000	TelevisBlue Plus 150-1Y 2G	150	5000
TBR2P501E0000	TelevisBlue Plus 250-1Y 2G	250	5000
TBR2P1H1E0000	TelevisBlue Plus 500-1Y 2G	500	5000
TelevisBlue Starter			

12 months of service included. Monitoring, Reports and Alarms and Centralised data access			
TBR2S011E0000	TelevisBlue Starter 005-1Y 2G	5	NA
TBR2S051E0000	TelevisBlue Starter 025-1Y 2G	25	NA
TBR2S101E0000	TelevisBlue Starter 050-1Y 2G	50	NA
TBR2S301E0000	TelevisBlue Starter 150-1Y 2G	150	NA
TBR2S501E0000	TelevisBlue Starter 250-1Y 2G	250	NA
TBR2S1H1E0000	TelevisBlue Starter 500-1Y 2G	500	NA
SAMANT3B30300	ANTENNA 3B 3m CABLE MCX90/M	Optional external antenna	-
TBR2X0000GW00	TelevisGate 2G	Only replacement device	-
12 months service included. CAUTION: the use of the TelevisBlue product and service is subject to acceptance of the terms of service posted on the site: www.televisblue.com/terms			

TELEVISBLUE LICENSE

FEATURE	DESCRIPTION	NOTES
Maximum number of resources	from 5 to 500 monitorable resources according to model	
Length of service	12 months of connectivity and data recording service	
Recording interval	Configurable from 5 minutes to 1 day	
Operations on controllers	Reading/writing of parameters and commands	Plus Option

	Maximum 1000 operations per license up to 25 resources, 5000 for higher licenses	
Cloud synchronization interval	Configurable from 15 minutes to 1 day	
Data display	- Site events logbook - Resource data history in table and graph format	
Managing alarms	- Thresholds configurable on the cloud for all registered resources; - Optional mode for immediate notification when instrument alarms go off	
PDF report sent	via e-mail, configurable on a daily, weekly or monthly basis	
Systems centralization	Access page with summary statement for all managed systems	
Users and security	Administration of access proxies for each system	

RECOMMENDED HARDWARE AND SOFTWARE REQUIREMENTS

The following is a list of recommended browsers:

TYPE OF DEVICE	BROWSER	VERSION	MINIMUM RESOLUTION
ALL	Safari	5 or above	480x800 px

	Mozilla FireFox	44 or later	480x800 px
	Google Chrome	48 or later	480x800 px
	Internet Explorer	11 or above	480x800 px

The following is a list of recommended Operating Systems for each device:

TYPE OF DEVICE	BROWSER	VERSION	NOTES
TABLET / SMARTPHONE	Android	4.4.2 or above	Kit Kat (October 2013)
	IoS	8.1 or later	2014
	Windows Phone	8.1 or later	2014
PC	Windows	7 or later	2009
	Linux	NOT TESTED	
	Mac OS		

COMPATIBLE INSTRUMENTS

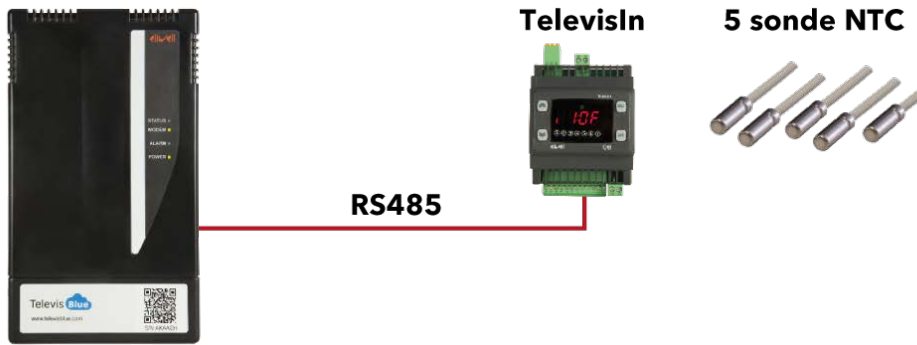
The list of compatible devices can be found in the annex at the link [Eliwell Instruments](#)

PRACTICAL EXAMPLES

1) Temperature monitoring in existing sites

The minimum requirements in the example are:

DEVICE	QUANTITY	NOTES
TelevisBlue Starter 005-1Y 2G	1	5 registered resources
TelevisIn	1	
NTC probes	5	

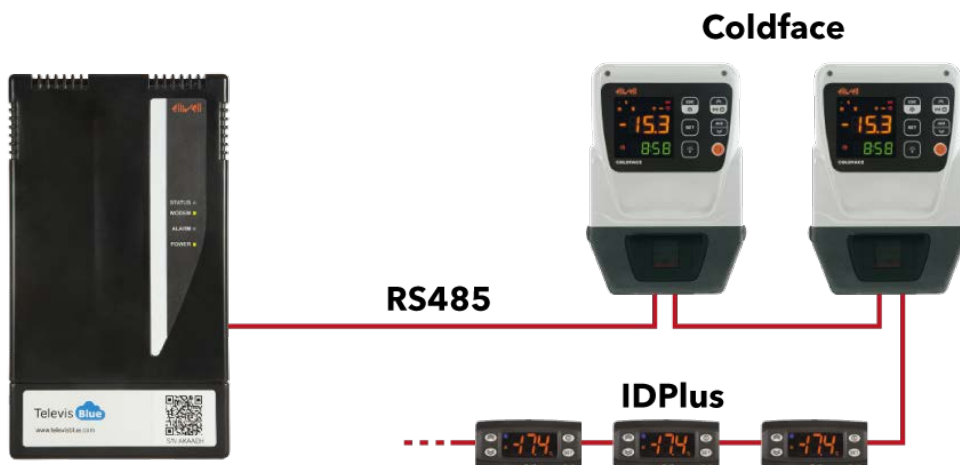


- HACCP recordings of 5 temperatures for 12 months at 15 minute intervals
- Web-configurable notification of maintenance personnel when temperature threshold is exceeded
- Daily HACCP report in PDF format sent to owner

2) Monitoring for a chain of restaurants

The minimum requirements in the example are:

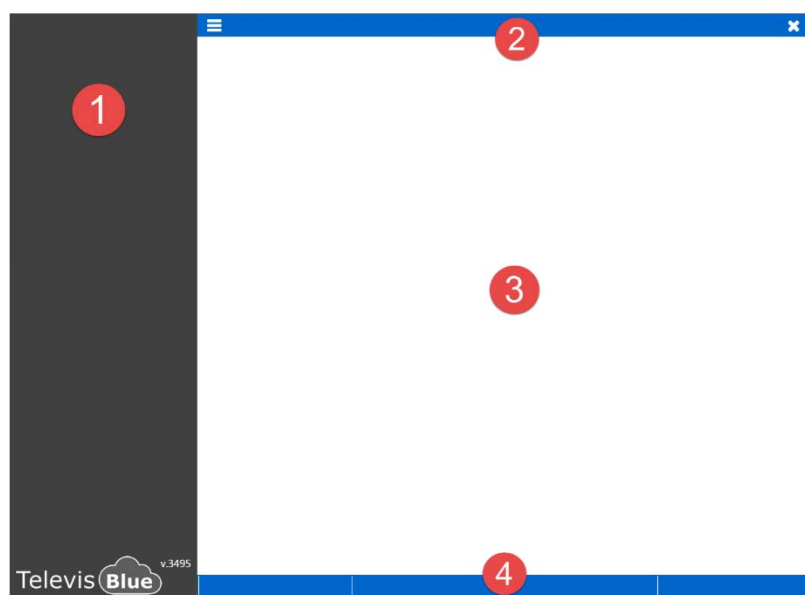
DEVICE	QUANTITY	NOTES
TelevisBlue Starter 025-1Y 2G	1	25 resources
Colface	2	
IDPlus	3 or more	
NTC Probes	10 or more	



- Connection to controllers via RS-485
- Recordings for 12 months at 5 minute intervals:
 - ◆ HACCP of 5 temperatures
 - ◆ 5 evaporation/defrost temperatures

- ◆ 10 resources available for future site expansion
- Reading and reporting of all connected controller alarms
- Notification of maintenance personnel when temperature threshold is exceeded
- HACCP report in PDF format sent daily to owner
- Complete HACCP report in PDF format sent weekly to maintenance personnel
- Centralized access to data of all restaurants with a single log-in

PAGE LAYOUT






































Each web page is composed of 4 sections






















1. Menu bar
2. Title Bar
3. Data window
4. Contextual controls











ICON MEANINGS

ICON	DESCRIPTION	EFFECT
	Image	Show/Hide an example image
	Caution	Indicates the presence of important information
	Confirm	Stores the settings, closes the screen and returns to the previous page
	Quit	Closes the screen and returns to the previous page. NOTE: You may quit with or without saving
	OnLine Help	Opens the corresponding OnLine Help page
	Site list	Goes to the Site list page
	User Settings	Goes to the User configuration page (account details, password, delegation)
	Quit the software	Quits the programme and returns to the Access page

	Change Password	Goes to the Change Password page
	Delegations	Goes to the Delegations page (add/remove delegations)
	Save	Saves the settings.
	Edit	Goes to the Delegation configuration page
	Recycle Bin	Deletes the relative delegation
	Add	Adds a new delegation
	Check	Runs a check of the entered delegation email
	Select All	- Selects all the items listed (sites, delegations, etc.) - Indicates a digital resource (stand-by, etc.)
	Deselect All	Deselects all the items listed (sites, delegations, etc.)
	Search	Filters the information present in the "Data Window"
	Add site	Goes to the Add site page (adds a new Gateway)
	Alarm	- Indicates if there is an active alarm - Indicates a controller alarm resource (fault, exceeded limits, etc.)
	Site status (Green)	Indicates that the site is running
	Site status (Yellow)	- Indicates that the site has one or more active alarms that have already been viewed - Indicates that a notifications recipient will receive an Alert email - Indicates the set alarm threshold (see Threshold settings)
	Site status (Red)	- Indicates that the site has one or more new active alarms - Indicates that a notifications recipient will receive an alarm email - Indicates the set alarm threshold (see Threshold settings)
	Alarm End	- Indicates the end of a controller alarm - Indicates that a notifications recipient will not receive an Alarm/Alert email - Indicates no active Alarm/Alert threshold (see Threshold settings)

	Alarm active	Indicates that an active alarm threshold has been exceeded (see Threshold settings)
	Alert active	Indicates that an active Alert threshold has been exceeded (see Threshold settings)
	Alarm/Alert reset	Indicates that the value has returned to below the Alarm/Alert thresholds (see Threshold settings)
	Energy resource	Indicates that the resource (typically an analogue input) is an energy type
	Energy resource	Indicates that the resource (typically an analogue input) is not an energy type
	No link	No communication between cloud server and site
	Receipt Date/Time	Date/time that the last data was received (yy-mm-dd HH:mm)
	Update	Updates the captcha code displayed
	Logbook	Goes to the Site logbook page (accesses, alarms, notifications sent, etc.)
	Controllers	- Goes to the Controller list page - Goes to the Controller Resources page
	Commands	Goes to the Commands and Parameters page.
	Site view	Goes to the Site info page (owner, name, company, etc.)
	Site View (Blue)	Goes to the Site info page (owner, name, company, etc.) Visible from User Views
	Controllers discovery	Goes to the Controllers discovery in the network page (Network scan)
	Notifications recipients	Goes to the Alarm Notifications Recipients page (list of alarm recipients)
	Send notifications	Indicates that an Alarm/Alert notification has been sent
	Pdf Report	Goes to the Report settings page
	Excel report	Goes to the Report settings page
	User (Blue)	Indicates the operations performed by a user (access, edit, etc.)

	Historical data table	Displays the table of data read by the selected resource (see Data Table)
	Historical graph	Displays the graph of the data read by the selected resource (see Data Graph)
	Deselect/Collapse	- Deselects all the controllers/addresses in the network - Collapses the list of resources showing only the list of active controllers in the network
	Transfer	Displays the interval of previous or subsequent data compared to the set date/time
	Day/Week/Month	Sets the data display interval (day, week, month)
	Filter	Goes to the Logbook Filter page (event, date, type of event)
	Information	Shows information concerning the site, the license and the allocated resources
	Favorites	Favorite added
	Add to favorites	Favorite deselected
	Selection Box	Represents a selection box for a controller, user, parameter, etc.
	Command	Execution of Command
	Select All	Selects all the controllers in the network
	Copy	Copies the settings of the selected controller
	Paste	Pastes the selected controller settings
	Reading	Reading selected parameters
	Writing	Writing selected parameters
	Analogue resource	Indicates an analogue resource (probes, etc.)
	Active energy resource	Indicates that the energy resource registration settings box is active
	Delay on	Indicates that the Alarm/Alert signal delay settings box is active
	Delay off	Indicates that the Alarm/Alert signal delay settings box is not active
	Selected Box	Indicates that the relative network address is selected

	Selection Box	Adds a new network controller search address
	Address selection	Goes to the Select addresses page
	Decreasing order	Orders addresses, models or protocols in decreasing order or not
	Increasing order	Orders addresses, models or protocols in increasing order or not
	Groupings	Groups models or protocols or not
	Recipient user list	Imports the whole list of user recipients into the site
	Download Report	Downloads the selected PDF report stored on the cloud
	Open	Open
	Replacement	Gateway replacement
	Shutdown	License grace period expired. Contact Eliwell Useful numbers

ACCESS

REGISTRATION OF A NEW COMPANY

To create a new company account, follow the instructions below:



Sign-up new user

1 Company Physical person

Company Name: **2**

Name: **3**

Language: **4**

Email: **5**

Password: **6**

Confirm password: **7**

VAT: **8**

Registered Office Address:

Street and Nr.: **9**

City: **10**

ZIP code: **11**

Province: **12**

State/Country: **13**

14 Open: [Terms of service](#)
Read and accept the TelevisBlue Terms of Service.
Read and accept the specific Term of Service clauses.

15 Open: [Privacy](#)
Read and accept the Privacy Terms

16 type here

17

Sign-up new user

1 Company Physical person

Company Name: **2**

Name: **3**

Language: **4**

Email: **5**

Password: **6**

Confirm password: **7**

VAT: **8**

Registered Office Address:

Street and Nr.: **9**

City: **10**


ZIP code: **11**

Province: **12**

State/Country: **13**

14 Open: [Terms of service](#)
Read and accept the TelevisBlue Terms of Service.
Read and accept the specific Term of Service clauses.

15 Open: [Privacy](#)
Read and accept the Privacy Terms

16 

17

- Type of user:** Company. **NOTE.** You must register as a Company in order to be a gateway owner
- Company Name:** official name of the company
- Name:** Name and Surname of employee
- Language:** Selects the language to use in the screens (drop-down menu)
- Email:** user email - **NOTE: the email must be valid and will become the user name**
- Password:** Enter the Password.
NOTE: The Password must contain at least 6 characters and at least one number (0...9)
- Confirm Password:** Re-enter the Password
- VAT Reg. No.:** Company VAT number

9. **Street and No.:** Enter the company address
10. **City:** Enter the city where the company headquarters are
11. **ZIP Code:** Enter the company ZIP code
12. **Province:** Enter the Province of the company headquarters
13. **State/Country:** Enter the country of the company
14. **Terms of service:** read the contents, select the check-boxes at the end of the text and close the box by clicking on the **X** in the top right corner.




WARNING: you must access the page and read the conditions

15. **Privacy:** read the contents, select the check-boxes at the end of the text and close the box by clicking on the **X** in the top right corner.



WARNING: you must access the page and read the conditions

16. **Captcha:** control code. If the characters are not legible press ! to generate a new code

17.  : closes the screen and goes to the [Site list](#) page.



CAUTION: the email cannot be used to create a new account

18. After registration the new User will receive an email with the instructions for confirming and completing the registration procedure.



REGISTRATION OF A NEW PRIVATE USER

From top to bottom, the fields compiled/to be compiled are: 

Sign-up new user

1 Company Physical person

Name:	Name	2
Language:	English (GB)	3
Email:	Email	4
Password:	Password	5
Confirm password:	Confirm password	6
SSN:	SSN	7

Address:

Street and Nr.:	Street and Nr.	8
City:	City	9
ZIP code:	ZIP Code	10
Province:	Province	11
State/Country:	State/Country	12

13 Open: [Terms of service](#)

Read and accept the TelevisBlue Terms of Service.
Read and accept the specific Term of Service clauses.

14 Open: [Privacy](#)

Read and accept the Privacy Terms



16 ✓

Sign-up new user

1 Company Physical person

Name: 2

Language: 3

Email: 4

Password: 5

Confirm password: 6

SSN: 7

Address:

Street and Nr.: 8

City: 9


ZIP code: 10

Province: 11

State/Country: 12

13 Open: [Terms of service](#)
Read and accept the TelevisBlue Terms of Service.
Read and accept the specific Term of Service clauses.

14 Open: [Privacy](#)
Read and accept the Privacy Terms

15  type here

16 ✓


1. **Type of user:** Physical person
2. **Name:** Name and Surname
3. **Language:** Selects the language to use in the screens (drop-down menu)
4. **Email:** user email - **NOTE: the email must be valid and will become the user name**
5. **Password:** Enter the Password
NOTE: The Password must contain at least 6 characters and at least one number (0...9)
6. **Confirm Password:** Re-enter the Password to confirm
7. **SSN:** SSN
8. **Street and Nr.:** Enter your address
9. **City:** Enter your city

10. **ZIP Code:** Enter your ZIP Code


11. **Province:** Enter your Province

12. **State/Country:** Enter your country


13. **Terms of service:** read the contents, select the check-boxes at the end of the text and close the box by clicking on the **X** in the top right corner.


 **WARNING:** you must access the page and read the conditions

14. **Privacy:** read the contents, select the check-boxes at the end of the text and close the box by clicking on the **X** in the top right corner.

 **WARNING:** you must access the page and read the conditions

15. **Captcha:** control code. If the characters are not legible press ! to generate a new code

16.  : closes the screen and goes to the [Site list](#) page.

 **CAUTION:** the email cannot be used to create a new account


17. After registration the new User will receive an email with the instructions for confirming and completing the registration procedure.



LOG-IN / CHANGE USER (Access)

From top to bottom, the fields to be compiled are: 

Log-in / Change password:

1	Email:	<input type="text"/>
2	Password:	<input type="password"/>
3	Language:	<input type="text" value="English (GB)"/>
4 		

[Forgotten password. Click here!](#)

Log-in / Change password:


1 Email:

2 Password:

3 Language:

4

[Forgotten password. Click here!](#)

1. **Email:** enter your email address (user name)
2. **Password:** enter your password. **NOTE.** After x number of failed attempts, the account will be blocked. The words user locked out appear in red
Contact [Technical Support](#)
3. **Language:** Select the language to use in the screens (drop-down menu)
4.  : closes the screen and goes to the [Site list](#) page.



FORGOTTEN YOUR PASSWORD? Click here! (RESET)

From top to bottom, the fields to be compiled are: 

Log-in / Change password:

Email:

Password:

Language:

1 [Forgotten password. Click here!](#)

Log-in / Change password:

Email:

Password:

Language: ▼

1 [Forgotten password. Click here!](#)

1. Press "**Password forgotten. Click here!**"

The following screen appears:

Email confirmation

A confirmation email message will be sent to `eliwell.televisblue@gmail.com`. You are requested to click on the link present in the email (or copy and paste the link into your browser address bar) within 24h to complete the email validation process. Click OK to send the email now.



1. **OK**: sends a link to your email account from "noreply@televisblue.com" to enter a new password.

In the screen that appears, enter the new password and below enter it again to confirm.

2. **Cancel**: cancels the change password request.


NOTE: Check for incoming messages in the post box. If you do not receive confirmation via e-mail of your change of password, check in spam and, if necessary, change the spam filter by adding the sender "noreply@televisblue.com" to the list of reliable recipients.




SITE LIST

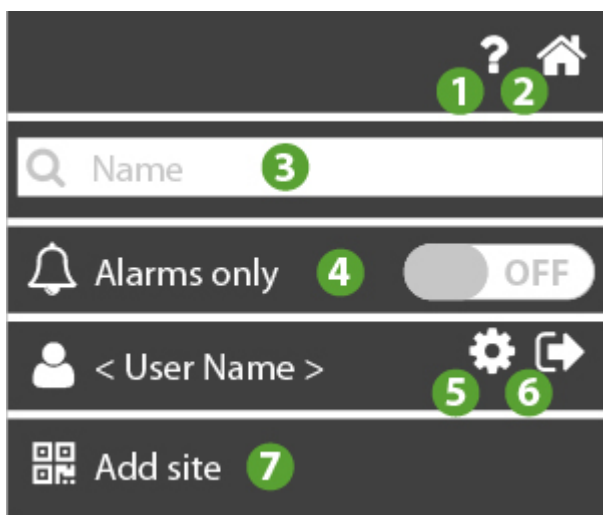
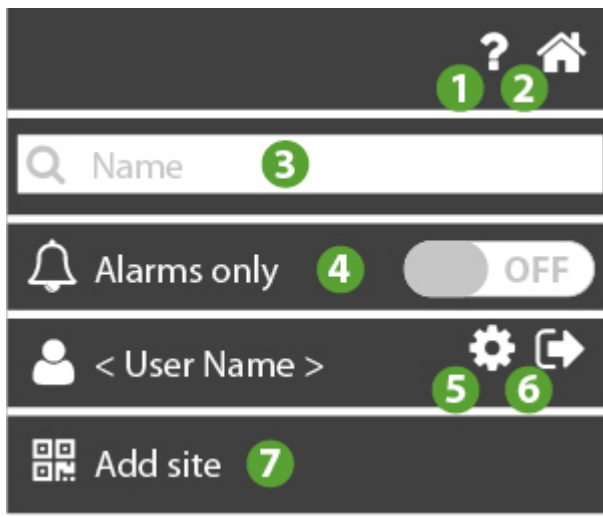
SITE LIST



Title bar

1. : quits the programme. **NOTE:** If pressed a pop-up window appears to confirm.






Menu bar

This area includes: 














1. : opens the Online Help. The first screen is that of the current page.
2. : goes to the [Site list](#) page.

Online Help TelevisBlue





3. : filters the sites by name, address and company
4. : **OFF** displays all sites; **ON** displays only the sites with new alarms
5. : goes to the [User Settings](#) page.
6. : quits the programme. **NOTE:** If pressed a pop-up window appears to confirm.
7. : goes to the [Add site](#) page




Data window

The information includes: 

   	IT Plant	Italy	 2015-11-06 11:25
 	DE Plant	Germany	 2016-01-13 16:53
 	PL Plant	Poland	 2016-01-14 13:14

   	IT Plant	Italy	 2015-11-06 11:25
 	DE Plant	Germany	 2016-01-13 16:53
 	PL Plant	Poland	 2016-01-14 13:14

1. : indicates the site status:
 -  (**GREEN**): site running
 -  (**YELLOW**): site with one or more alarms already viewed
 -  (**RED**): site with one or more new alarms


2.  ^{x/y}: x/y indicates the number of new alarms (x) and the total number of alarms (y)
3.  t : indicates communication down between the site and the gateway. The number t indicates how long the communication has been down
4. **Site name**: set in [Site info](#)
5. **Company name**: set in [Site info](#)
6. : Indicates the day/time (in the site time zone) when data was last received from the gateway.
NOTE. Check the gateway time zone
NOTE. The default time zone is UTC. The system does not take summer time into account.

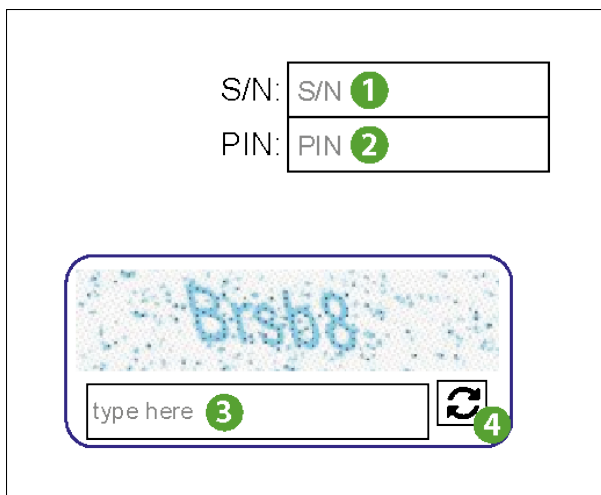
ADD SITE

Title bar

1. : quits the programme. **NOTE:** If pressed a pop-up window appears to confirm.

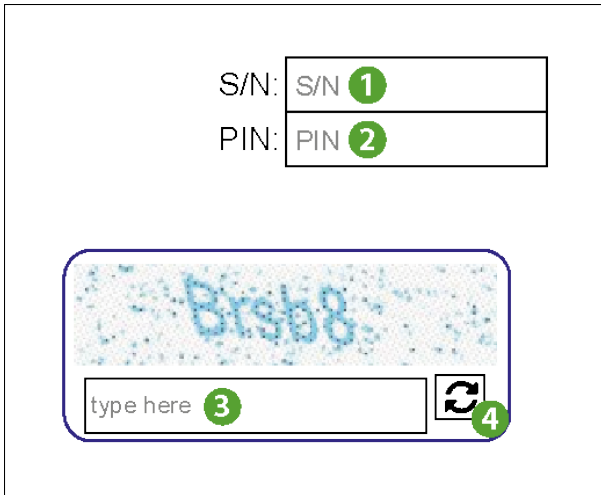
Data window


The fields to be compiled are: 




The screenshot shows a data entry window with the following elements:

- S/N: S/N **1**
- PIN: PIN **2**
- A QR code with the text "Brsb8" overlaid.
- A text input field with the placeholder "type here" and a green circle **3**.
- A refresh button (circular arrow icon) with a green circle **4**.



1. **S/N**: enter the serial code on the TelevisBlue barcode
2. **PIN**: enter the PIN (given in the "Product Activation PIN" document enclosed with the device)
3. **type here**: enter the check code written above
4. : updates the check code if not clear

Contextual Controls

1. : Stores the entered data. NOTE: once the site is registered, always run a scan/configuration (see [Network Scanning](#))

REPLACEMENT GATEWAY

Title bar

1. : quits the programme. **NOTE**: If pressed a pop-up window appears to confirm.

Data window


The fields to be compiled are: 

New S/N: New S/N

New S/N: New S/N

1. **New S/N**: enter the serial code on the TelevisBlue barcode


Contextual Controls

1.  : Stores the entered data. NOTE: once the site is registered, always run a scan/configuration (see [Network Scanning](#))

CONFIGURATION

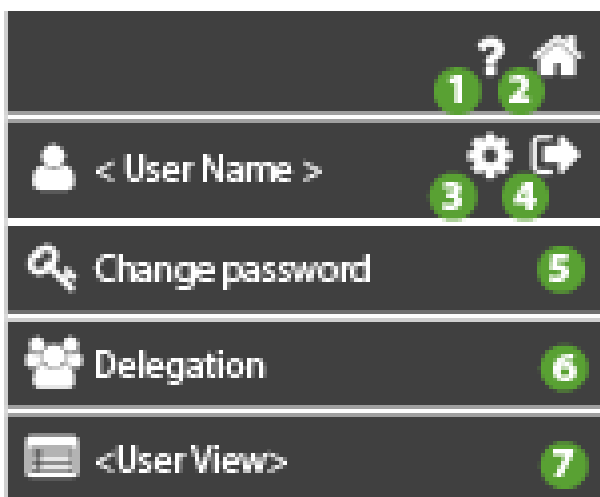
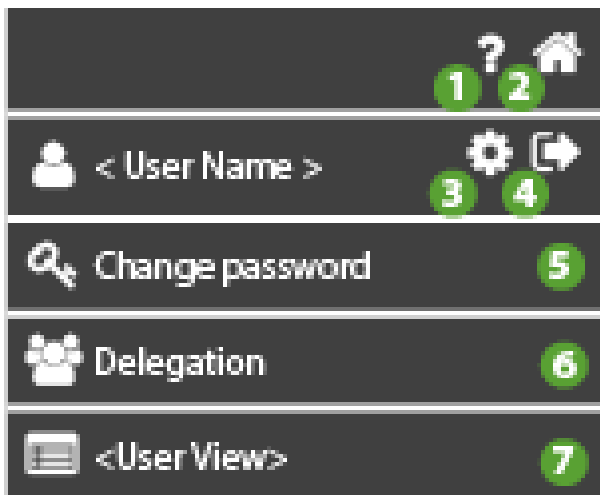
USER SETTINGS



Title bar






1. : closes the screen and goes to the [Site list](#) page.


Menu bar



















This area includes: 





















1. : opens the Online Help. The first screen is that of the current page.
2. : goes to the [Site list](#) page.


3.  : not active.
4.  : quits the programme. **NOTE:** If pressed a pop-up window appears to confirm.
5.  : goes to the [Change password page](#).
6.  : goes to the [Delegations page](#).
7.  : <User View> goes to [User Views page](#). **NOTE:** There are three kinds of user (and user views):
 - a. Enterprise **user** (enterprise **view**)
 - b. user **Reference Delegate** (view **reference delegate**)
 - c. user **Simple Delegate** (view **simple delegate**)

<User View> identifies the three user views: 

Enterprise	Reference Delegate	Simple Delegate
 < User Name >  	 < User Name >  	 < User Name >  
 Change password	 Change password	 Change password
 Delegation	 Delegation	 Delegation
 Enterprise View	 Ref. Delegate View	 Simple Delegate View

a. Enterprise	b. Reference Delegate	c. Simple Delegate
 < User Name >  	 < User Name >  	 < User Name >  
 Change password	 Change password	 Change password
 Delegation	 Delegation	 Delegation
 Enterprise View	 Ref. Delegate View	 Simple Delegate View


Data window

The fields compiled/to be compiled are: 

Company Name:	Company Name	1
User name:	User name	2
Language settings:	English (GB)	3
User email:	User email	4
VAT number:	VAT number	5
Registered Office Address:		
Street and Nr.:	Street and Nr.	6
City:	City	7
ZIP code:	ZIP Code	8
Province:	Province	9
State/Country:	State/Country	10


Company Name:	Company Name	1
User name:	User name	2
Language settings:	English (GB)	3
User email:	User email	4
VAT number:	VAT number	5
Registered Office Address:		
Street and Nr.:	Street and Nr.	6
City:	City	7
ZIP code:	ZIP Code	8
Province:	Province	9
State/Country:	State/Country	10

1. **Company Name:** enter the company name / user name
2. **User Name:** enter the user name to be shown on the site and in the reports
3. **Language settings:** enter the language of the software pages
4. **User email:** shows the email used for registration - **NOTE: this CANNOT be edited**

5. **VAT Reg. No.:** enter the VAT number/ SSN
6. **Street and Nr.:** enter your address
7. **City:** enter your city
8. **ZIP Code:** enter your ZIP code
9. **Province:** Enter your Province
10. **State/Country:** enter your country
11. : save the entered data.

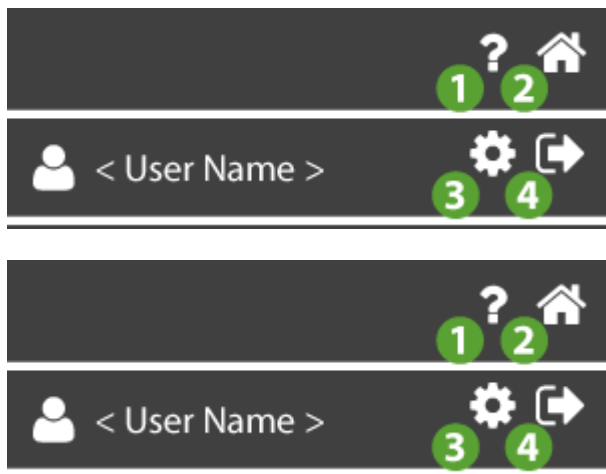
CHANGE PASSWORD





Title bar

1. : closes the screen and goes to the [User Settings](#) page.


Menu bar

This area includes: 



1. : opens the Online Help. The first screen is that of the current page.
2. : goes to the [Site list](#) page.
3. : goes to the [User Settings](#) page.
4. : quits the programme. **NOTE:** If pressed a pop-up window appears to confirm.

Data window

The fields to be compiled are: 

1 Current password:

2 New password:

3 Confirm new password:



1 Current password:

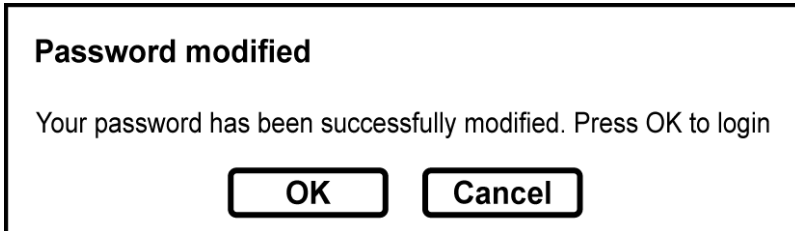
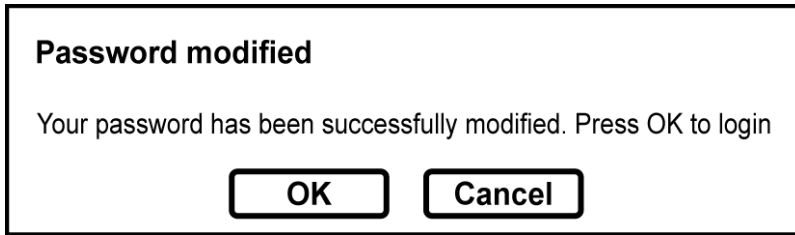
2 New password:

3 Confirm new password:

1. **Current password:** Enter your current password
2. **New password:** Enter the new password
NOTE: The Password must contain at least 6 characters and at least one number (0...9)
3. **Confirm new password:** Re-enter the new password to confirm

Contextual Controls

1. : stores the new password and:
 - Shows a pop-up window to confirm the change .



- **OK**: saves the new password, runs the log-out request and returns to the [Access](#) page
- **Cancel**: cancels the change entered

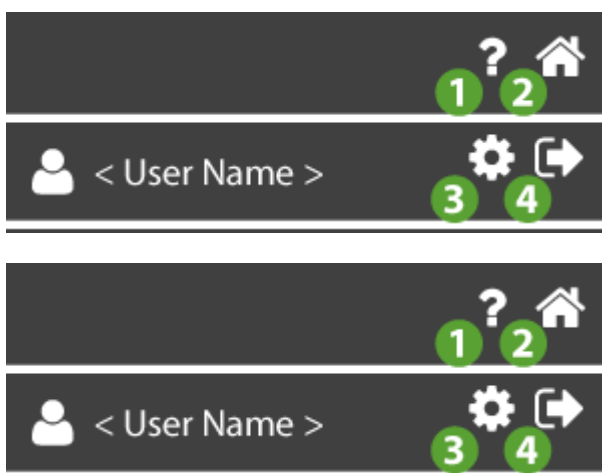
DELEGATIONS

Title bar



1. : closes the screen and goes to the [User Settings](#) page.

Menu bar

This area includes:













1. : opens the Online Help. The first screen is that of the current page.
2. : goes to the [Site list](#) page.

3.  : goes to the [User Settings](#) page.
4.  : quits the programme. **NOTE:** If pressed a pop-up window appears to confirm.





Data window

The window shows the list of Users with delegations and the information includes: 

User 1	Name 2	 Requested 3	4 5 ... 
User 1	Name 2	Accepted 3	... 
User	Check 	Unknown	
+ 6			


User 1	Name 2	 Requested 3	4 5 ... 
User 1	Name 2	Accepted 3	... 
User	Check 	Unknown	
+ 6			

1. **User:** Enter the email of the User to be given the delegate
(**NOTE:** The User must already be registered on the website **www.televisblue.com**)
2. **Name:** Name of the delegate
3. **Country:** Delegation status. **Unknown** = not yet checked; **Requested** = checked, to be confirmed; **Accepted** = checked and confirmed.
(**NOTE:** the field will change state the first time the new Delegate accesses the programme)


4.  / used to edit the delegation. Closes the screen and goes to the [Delegation Settings](#) page.
5. : deletes the relative delegation.
6. : adds a new delegation.
 - Enter the email of the **User** and press **Check** .
 - If the control is positive, the screen closes and the [Delegation Settings](#) page opens.

DELEGATION CONFIGURATION

Title bar

1. : closes the screen and goes to the [Delegations](#) page.

Data window

The information includes: 

case A: no delegation present

User 1	Name 2
3 <input checked="" type="checkbox"/> ON	Allow to add new sites on my behalf
4 <input checked="" type="checkbox"/> ON	Automatically delegate all new added sites
5 <input type="checkbox"/> OFF	Limited to read only
6 <input type="checkbox"/> OFF	Execute Operations
7 Missing controllers configuration	

case B: 2 delegations present

User 1	Name 2
3 <input checked="" type="checkbox"/> ON	Allow to add new sites on my behalf
4 <input checked="" type="checkbox"/> ON	Automatically delegate all new added sites
5 <input type="checkbox"/> OFF	Limited to read only
6 <input type="checkbox"/> OFF	Execute Operations
<hr/>	
<input checked="" type="checkbox"/> 7 Site 1	
<input checked="" type="checkbox"/> Site 2	

case A: no delegation present




User 1	Name 2
3 <input checked="" type="checkbox"/> ON	Allow to add new sites on my behalf
4 <input checked="" type="checkbox"/> ON	Automatically delegate all new added sites
5 <input type="checkbox"/> OFF	Limited to read only
6 <input type="checkbox"/> OFF	Execute Operations
7 Missing controllers configuration	

case B: 2 delegations present

User 1	Name 2
3 <input checked="" type="checkbox"/> ON	Allow to add new sites on my behalf
4 <input checked="" type="checkbox"/> ON	Automatically delegate all new added sites
5 <input type="checkbox"/> OFF	Limited to read only
6 <input type="checkbox"/> OFF	Execute Operations
<hr/>	
<input checked="" type="checkbox"/> 7 Site 1	
<input checked="" type="checkbox"/> Site 2	


1. **User:** Email of the user to be given the delegation
2. **Name:** Name of the delegate
3. **Add sites:**
ON allows you to add sites in my name
OFF does not allow you to add sites in my name
4. **Automatic Delegation:**
ON enters the delegation automatically every time I enter a new site
OFF does not enter the delegation automatically when I enter a new site
5. **Read only:**
ON allows the delegate to view the site in read-only mode (system configuration disabled)
OFF allows the delegate to configure the system (site view in read-only mode disabled)
6. **Parameters/Commands:** Enables or disables delegate for operations on Parameters/Commands
ON delegate permitted to perform operations on commands and parameters
OFF delegate not permitted to perform operations on commands and parameters
7. **Site list:** List of sites already registered in my name
NOTE: for these I must decide if I want to give the delegation or not.

Contextual Controls


1. : selects all the sites registered in my name.
2. : deselects all the sites registered in my name.
3. : Saves the configuration, sends the new **Delegate** an email with the instructions for accepting the delegation and returns to the [Delegations](#) page.

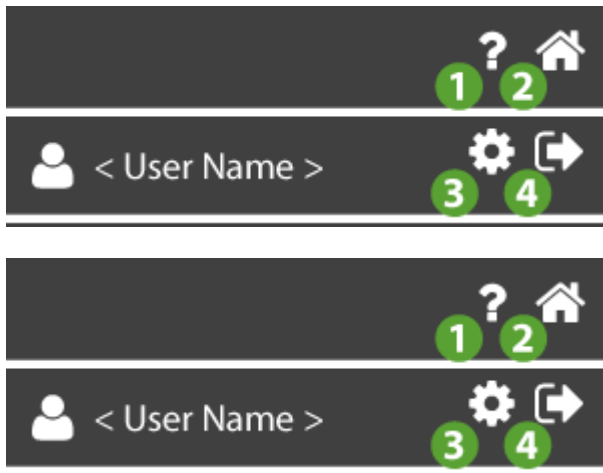
DELEGATION NOTIFICATION





Title bar

1. : closes the screen and goes to the [User Settings](#) page.

Menu bar

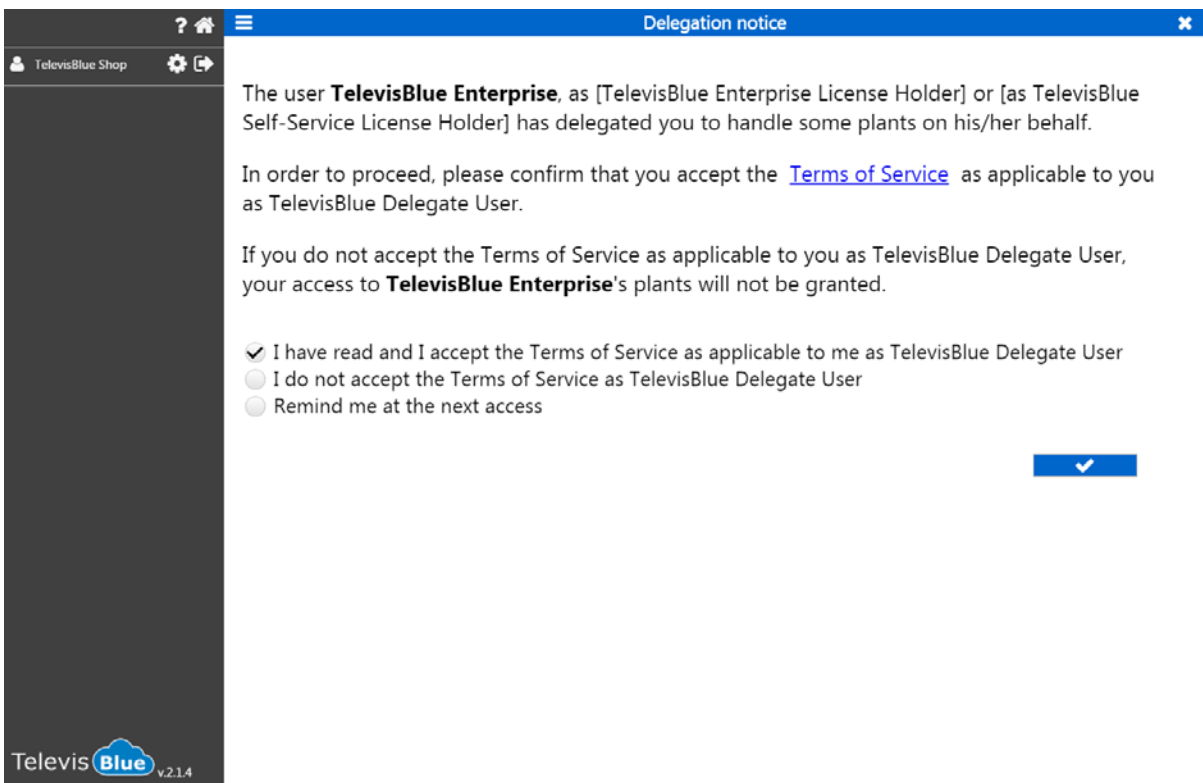
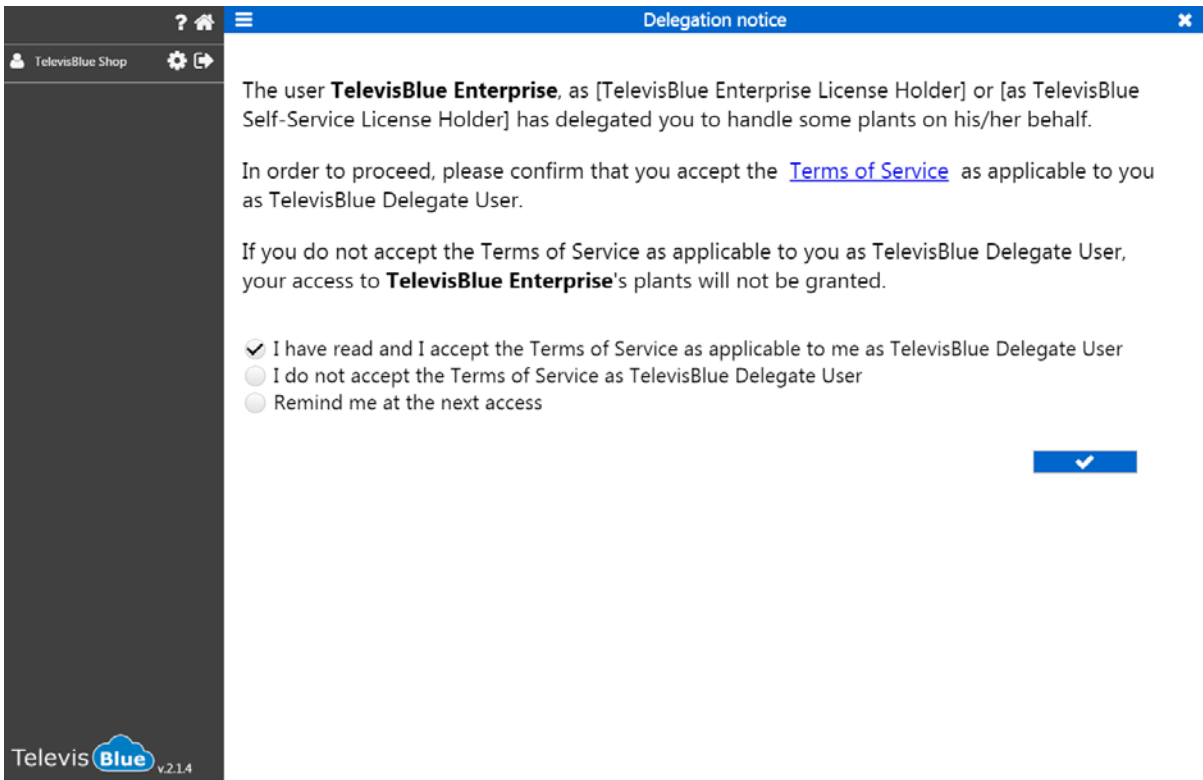
This area includes: 



1. : opens the Online Help. The first screen is that of the current page.
2. : goes to the [Site list](#) page.
3. : goes to the [User Settings](#) page.
4. : quits the programme. **NOTE:** If pressed a pop-up window appears to confirm.

Data window

This information window appears when logging-in: 



We would like to inform the client that he/she has been delegated to manage certain plants in the name of and on behalf of the delegate indicated in **bold**.

In order to accept the delegation, the Service Conditions should be read by clicking on Terms of Service

- **Acceptance:** The conditions are accepted
- **Non acceptance:** the conditions are not accepted
- **Postpone:** the decision whether to accept the conditions or not at the next log-in is put off

Contextual Controls

✓ : close the screen and go to page [Plant List](#).

REFERENCE DELEGATE

A user who has been delegated to manage certain sites in the name of and on behalf of the delegator is identified as **Reference Delegate** and is indicated in **bold** in the settings on the delegators page [Site Information](#) where the mail of the delegate is indicated.

The delegates mail can exist or not. In both cases he/she is delegated for all the gateways for which he/she is reference delegate.

The reference delegate can, in turn, delegate a plant which they have been assigned.

NOTE. The delegator is the person who delegates and not the reference delegate.

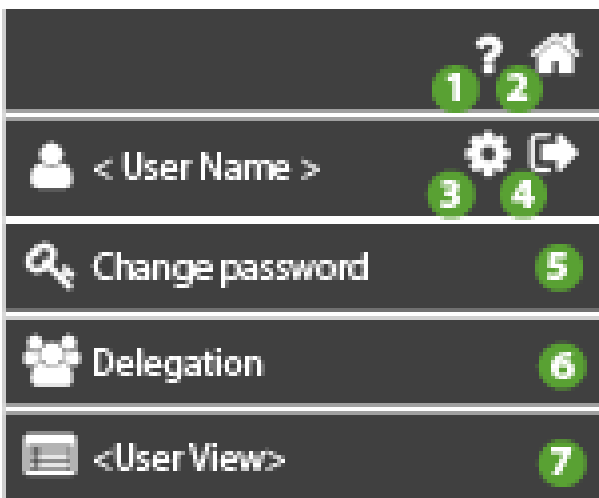
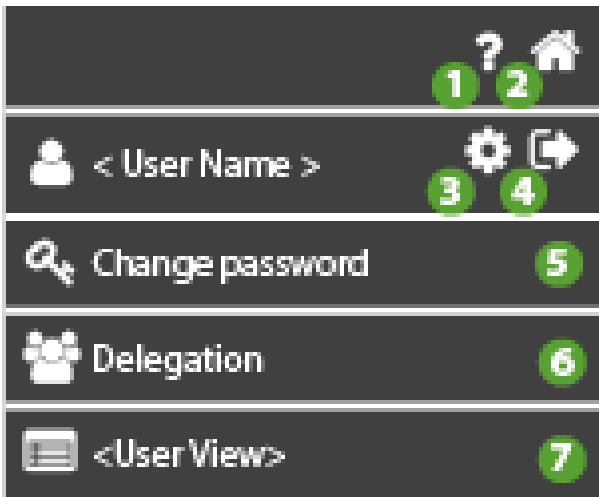
NOTE. The end delegate will report to the delegator for any kind of report or support and not with the reference delegate.

The Conditions of Service should be read before accepting the delegate. See [Delegate Notification](#).

USER VIEWS

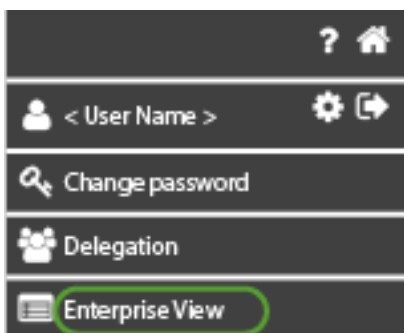
From [User Configuration](#) menu <User View> identifies the three user views:

This area includes: 



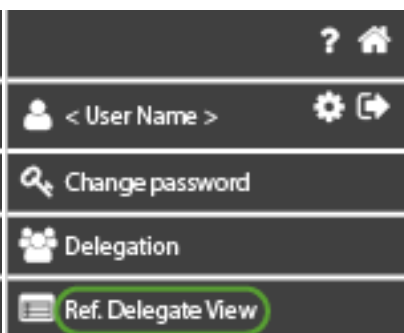
<User View>

Enterprise



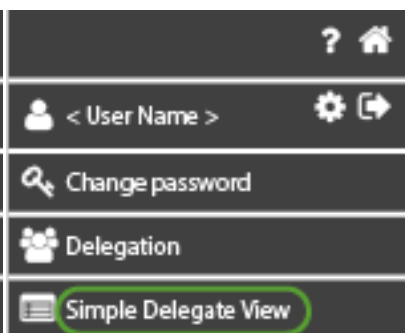
<User View>

Reference Delegate



<User View>

Simple Delegate

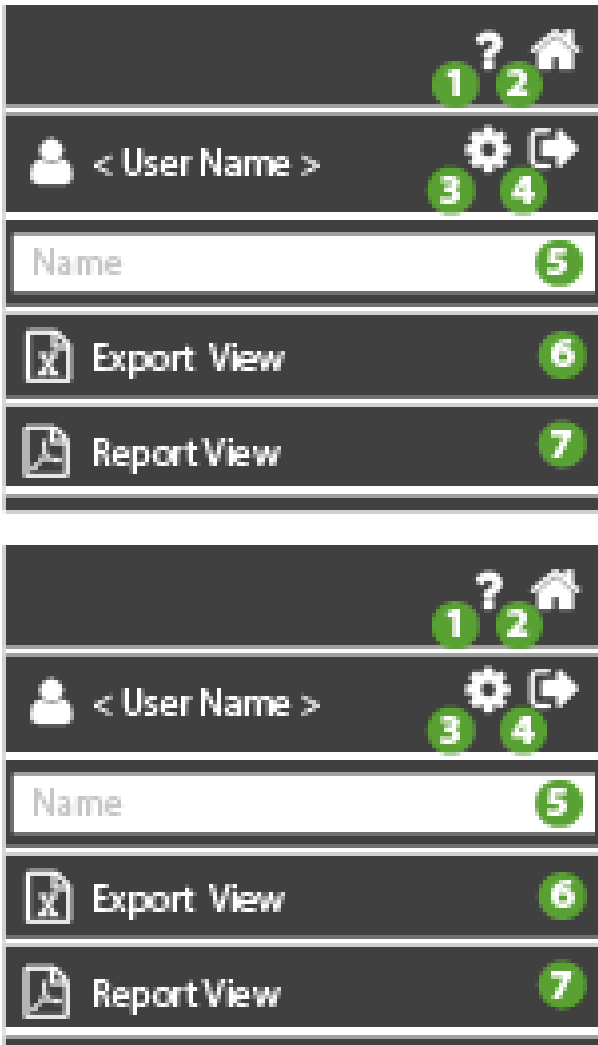







Title bar


1. **✕**: closes the screen and goes to the [User Settings](#) page.

Menu bar

This area includes: 




1. : opens the Online Help. The first screen is that of the current page.
2. : goes to the [Site list](#) page.
3. : goes to the [User Settings](#) page.
4. : quits the programme. **NOTE:** If pressed a pop-up window appears to confirm.
5. filters the sites by name, address and company
6. : report of table type: excel with values in table format






- 7. : report of table type: PDF with table format values






Data window


Enterprise user case

The window shows the list of delegate Users / gateways and the information


includes: 



- TelevisBlue (5) 1		
TelevisBlue1	ON <input type="checkbox"/>	
TelevisBlue2	ON <input type="checkbox"/>	
TelevisBlue3	ON <input type="checkbox"/>	
TelevisBlue4	ON <input type="checkbox"/>	
TelevisBlue5	ON <input type="checkbox"/>	
2	3	4



- TelevisBlue (5) 1		
TelevisBlue1	ON <input type="checkbox"/>	
TelevisBlue2	ON <input type="checkbox"/>	
TelevisBlue3	ON <input type="checkbox"/>	
TelevisBlue4	ON <input type="checkbox"/>	
TelevisBlue5	ON <input type="checkbox"/>	
2	3	4


1. **Owner:** Site owner
2. **Name:** Gateway Identification number
3. **Renewal:** Status of licence renewal. **ON**= licence to be renewed; **OFF**= licence not renewed.
4. : Access the [Site information](#).

Reference Delegate user case


The window shows the list of delegate Users /gateways of the Reference Delegate and the information includes: 

- TelevisBlue Enterprise (2) 1	
TelevisBlue1	
TelevisBlue2	
2	3 4

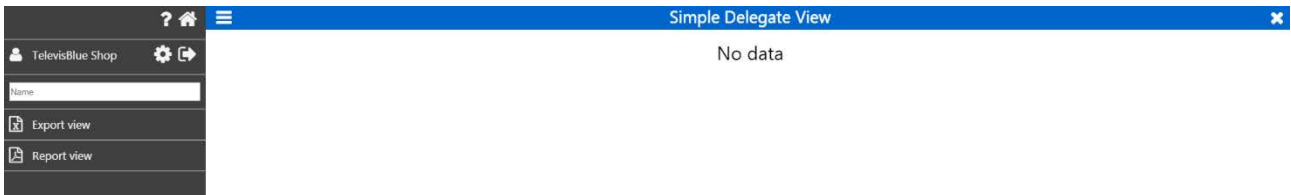
- TelevisBlue Enterprise (2) 1	
TelevisBlue1	
TelevisBlue2	
2	3 4

1. **Owner:** Site owner (in this case TelevisBlue Enterprise)
2. **Name:** Gateway Identification number
3. **NA**
4. : Access the [Site information](#).

Simple Delegate user case

The window shows the list of User gateways (if there are any) and the information includes: 

Online Help TelevisBlue




1. **Owner:** Site owner (in this case TelevisBlue Enterprise)
2. **Name:** Gateway Identification number

SITE

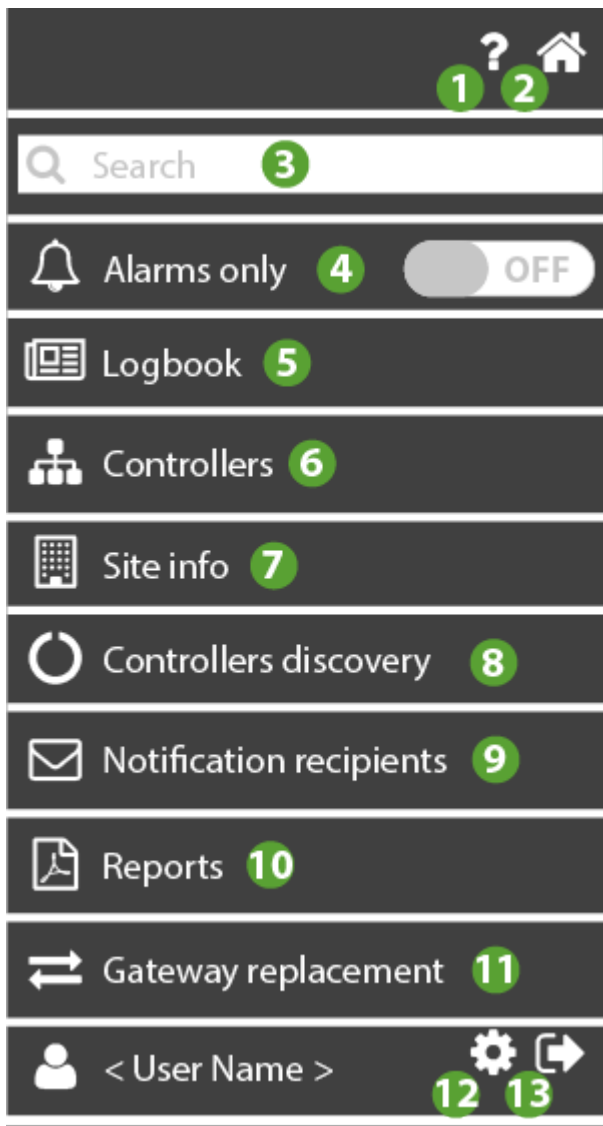
SITE

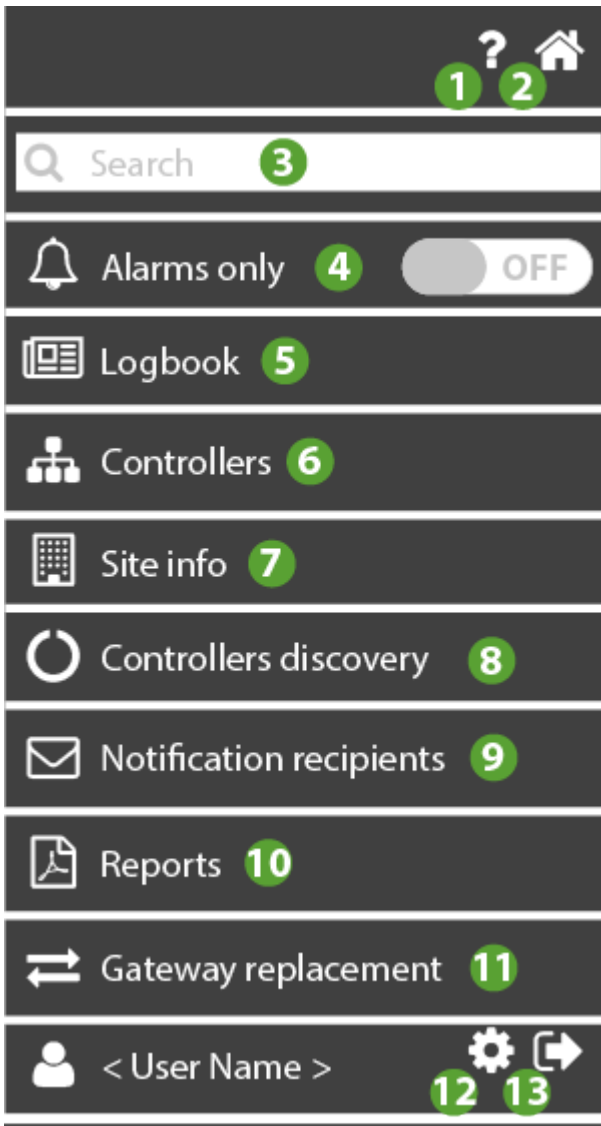
Title bar








1. : closes the screen and goes to the [Site list](#) page.







Menu bar

This area includes: 







































1. : opens the Online Help. The first screen is that of the current page.
2. : goes to the [Site list](#) page.
3. : filters the resources by name.
4. : **OFF** displays all the sites; **ON** displays only the sites with new alarms.
5. : goes to the [Site logbook](#) page (accesses, alarms, notifications sent, etc.).
6. : goes to the [Controller list](#) page.
7. : goes to the [Site info](#) page (owner, name, company, etc.).

8. : goes to the [Controllers discovery in the network](#) page (network scanning).
9. : goes to the [Alarm notifications recipients](#) page (list of alarms recipients).
10. : goes to the [Report settings](#) page.
11. : goes to the [Gateway replacement](#) page.
12. : goes to the [User configuration](#) page.
13. : quits the programme. **NOTE:** If pressed, opens a pop-up window asking you to confirm.

Data window

The information includes: 

- 00:02 TelevisIn (5) 1				
Resource 1	22.4 °C			  
Resource 2	22.4 °C	 43m	 43m	  
Resource 3	22.5 °C	4	5	  
Resource 4	22.2 °C			  
Resource 5	22.6 °C			  
2	3			6 7 8

- 00:02 TelevisIn (5) 1				
Resource 1	22.4 °C			  
Resource 2	22.4 °C	 43m	 43m	  
Resource 3	22.5 °C	4	5	  
Resource 4	22.2 °C			  
Resource 5	22.6 °C			  
2	3			6 7 8

1. **Controller name:** name assigned to the controller.

2. **Resource:** name assigned to the resource
3. **Value:** value read by the resource
4. (**RED**): present if there is an alarm (one of the thresholds set in [Threshold settings](#) is exceeded). x indicates how long it has been present for.
5. (**YELLOW**): present if there is an alert (one of the thresholds set in [Threshold settings](#) is exceeded). x indicates how long it has been present for.
6. : goes to the [Commands and Parameters](#) page.
7. : displays the table of data read by the selected resource (see [Data Table](#)).
8. : displays the graph of the data read by the selected resource (see [Data Graph](#))

Contextual Controls

1. : Collapses the list of resources and shows only the list of controllers the resources belong to.

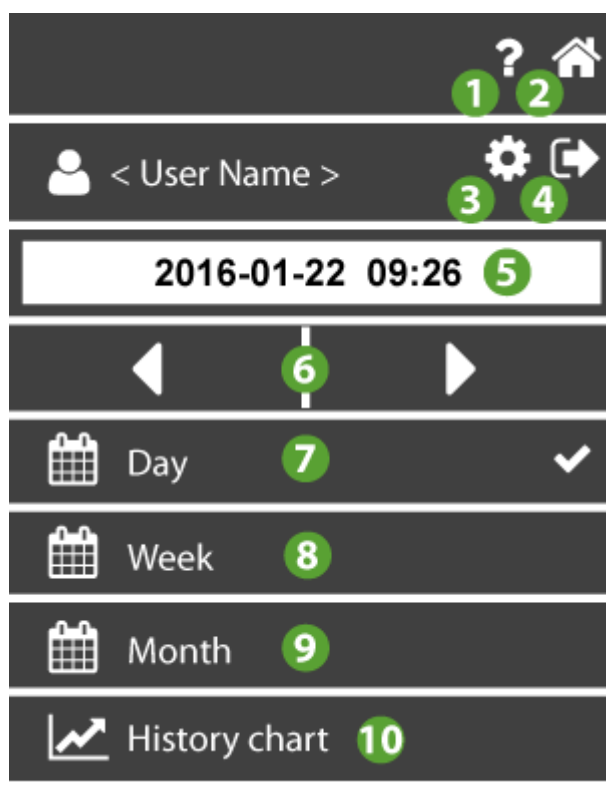
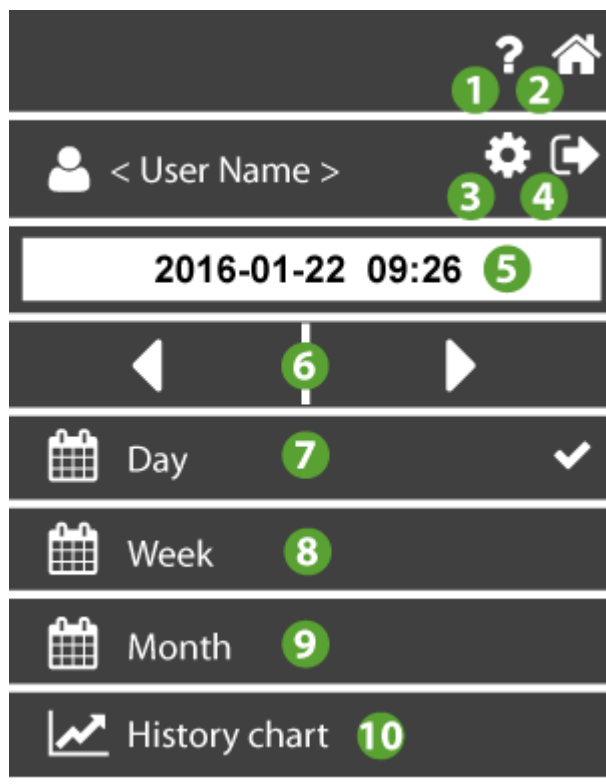
HISTORY TABLE



Title bar










1. : closes the screen and goes to the [Site view](#) page.

Menu bar

This area includes:



1. : opens the Online Help. The first screen is that of the current page.
2. : goes to the [Site list](#) page.

3. : goes to the [User Settings](#) page.
4. : quits the programme. **NOTE:** If pressed a pop-up window appears to confirm.
5. **Date:** data display start date/time.
6. : displays the interval of the previous () or subsequent data () compared to the entered date/time and the interval selected (day/week/month)
7.  **Day:** displays the data of the last day.
8.  **Week:** displays the data of the last week.
9.  **Month:** displays the data of the last month.
10. : goes to the [History chart](#) page.

Data window


The information includes: 

1 From: 2016-01-22 09:26 To: 2016-01-23 09:26	
2016-01-22 09:31	23.20 °C
<hr/>	
2016-01-22 09:46	23.70 °C
<hr/>	
2	3
<hr/>	
1 From: 2016-01-22 09:26 To: 2016-01-23 09:26	
2016-01-22 09:31	23.20 °C
<hr/>	
2016-01-22 09:46	23.70 °C
<hr/>	
2	3
<hr/>	

1. **Interval:** data display interval (**From:** start - **To:** end).
2. **Date:** date/time of data registration

3. **Value:** value read at the indicated moment (date/time)

Energy resource data window

The information includes: 

1 Inizio: 2017-06-16 00:00 Fine: 2017-06-16 23:59

2017-06-16 00:00	1,00
2017-06-16 01:00	1,00
2017-06-16 02:00	1,00
2017-06-16 03:00	1,00
2017-06-16 04:00	1,00
2017-06-16 05:00	1,00
2017-06-16 06:00	1,00
2017-06-16 07:00	1,00
2017-06-16 08:00	1,00
2017-06-16 09:00	1,00
2017-06-16 10:00	1,00
2017-06-16 11:00	1,00
2017-06-16 12:00	1,00
2017-06-16 13:00	1,00
2017-06-16 14:00	1,00
2017-06-16 15:00	1,00
2017-06-16 16:00	1,00
2017-06-16 17:00	0,00
2017-06-16 18:00	0,00
2017-06-16 19:00	0,00

1 Inizio: 2017-06-16 00:00 Fine: 2017-06-16 23:59

2017-06-16 00:00	1,00
2017-06-16 01:00	1,00
2017-06-16 02:00	1,00
2017-06-16 03:00	1,00
2017-06-16 04:00	1,00
2017-06-16 05:00	1,00
2017-06-16 06:00	1,00
2017-06-16 07:00	1,00
2017-06-16 08:00	1,00
2017-06-16 09:00	1,00
2017-06-16 10:00	1,00
2017-06-16 11:00	1,00
2017-06-16 12:00	1,00
2017-06-16 13:00	1,00
2017-06-16 14:00	1,00
2017-06-16 15:00	1,00
2017-06-16 16:00	1,00
2017-06-16 17:00	0,00
2017-06-16 18:00	0,00
2017-06-16 19:00	0,00


1. **Interval:** data display interval (**From:** start - **To:** end).

2. **Date:** date/time of data registration

3. **Value: value read at the indicated moment (date/time)**

- a. **Value (1.00):** value read at the indicated moment (date/time) expressed as delta compared to the previous reading (in this case relative delta 1.00 of reading compared to the reading at 9.00)
- b. **Value (0.00):** value read at the indicated moment (date/time) expressed as delta compared to the previous reading (in this case 0.00 or no change)

The example illustrates an energy gauge in kW with daily interval. If we set a weekly interval, a possible description is indicated below:

The information includes: 

		1
		Inizio: 2017-06-12 00:00 Fine: 2017-06-18 23:59
2017-06-12 00:00	0,00	
2	0,00	3 a
2017-06-13 00:00	0,00	
2017-06-14 00:00	13,70	
2017-06-15 00:00	24,30	3 b
2017-06-16 00:00	17,00	
2017-06-17 00:00	2,00	
2017-06-18 00:00	2,00	

		1
		Inizio: 2017-06-12 00:00 Fine: 2017-06-18 23:59
2017-06-12 00:00	0,00	
2	0,00	3 a
2017-06-13 00:00	0,00	
2017-06-14 00:00	13,70	
2017-06-15 00:00	24,30	3 b
2017-06-16 00:00	17,00	
2017-06-17 00:00	2,00	
2017-06-18 00:00	2,00	

1. **Interval:** data display interval (**From:** start - **To:** end).


2. **Date:** date/time of data registration

3. **Value: value read at the indicated moment (date/time)**


- a. **Value (0.00 kW):** value read at the indicated moment (date/time) expressed as delta compared to the previous reading (in this case 0.00 or no change detected)
- b. **Value (13.70 | 24.30 kW):** value read at the indicated moment (date/time) expressed as delta compared to the previous reading (in this case relative delta of 13.70 kW on 14 June of reading compared to the readings from the previous day and 24.30 kW on 15 June of reading compared to the reading the previous day)

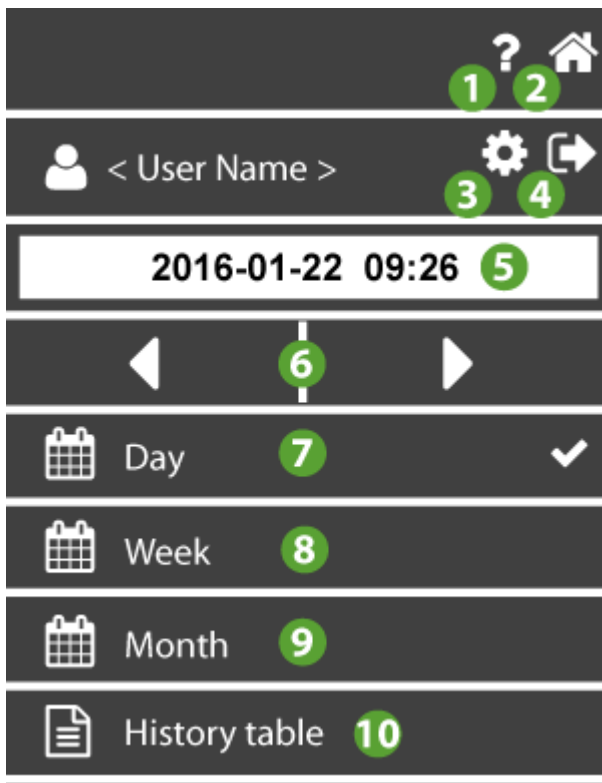
HISTORY CHART

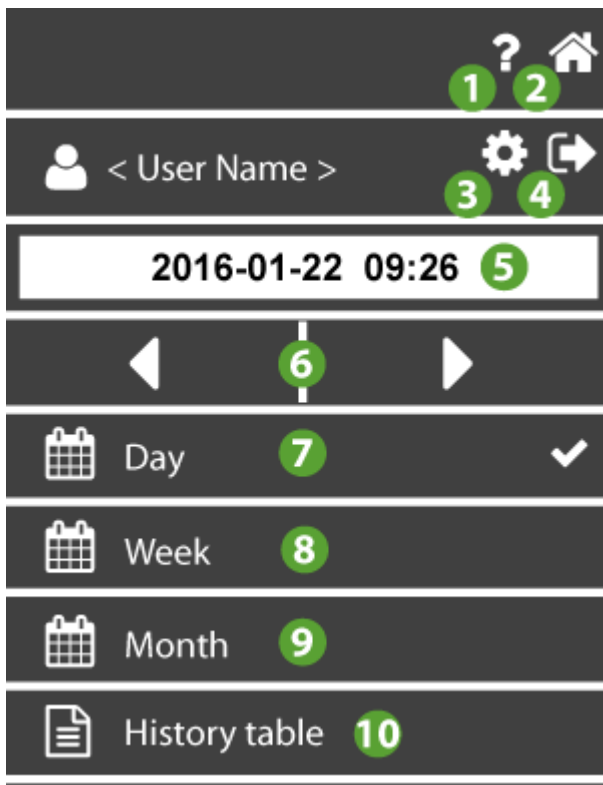
Title bar













- 1. : closes the screen and goes to the [Site view](#) page.

Menu bar

This area includes: 






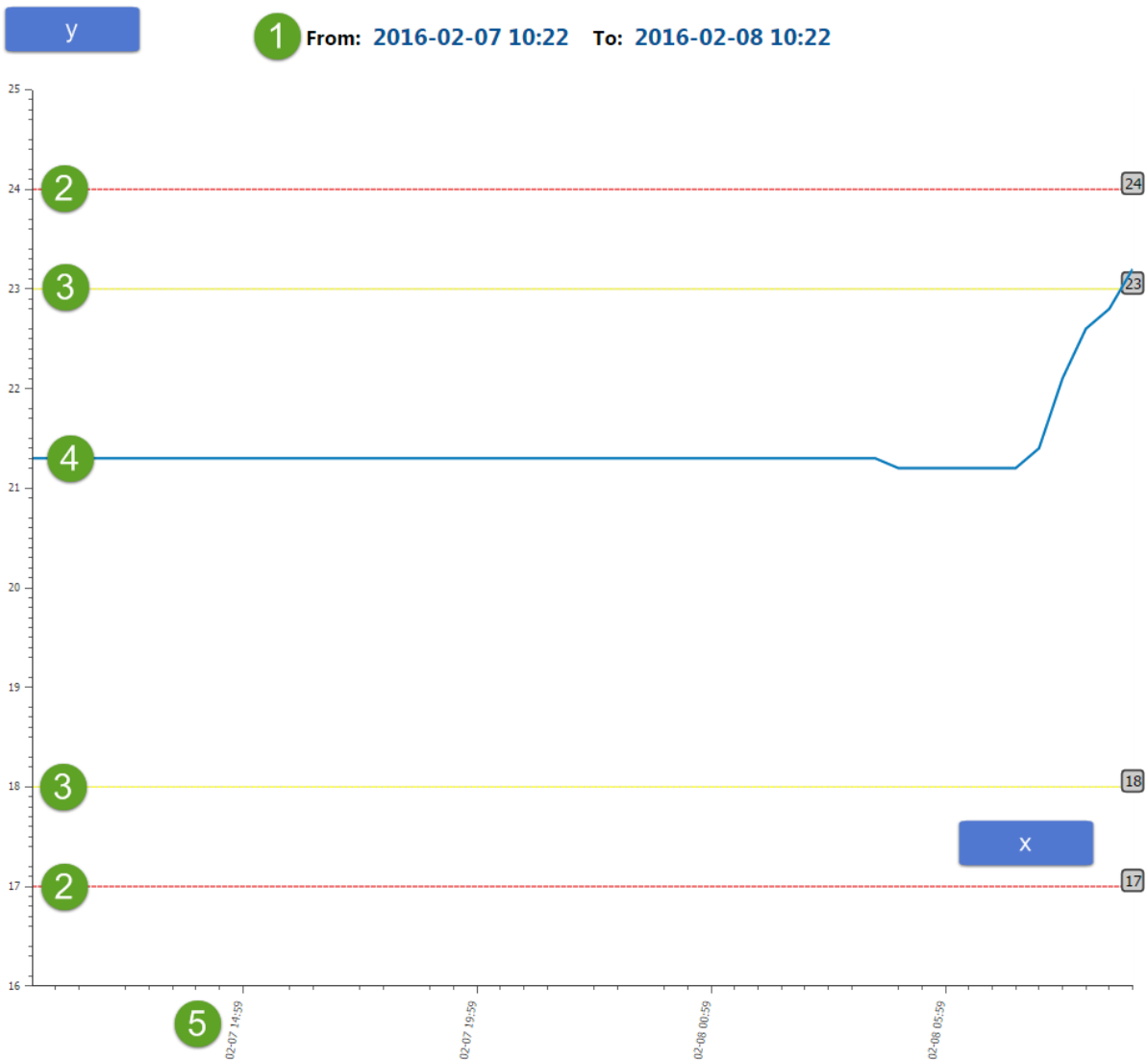
1. : opens the Online Help. The first screen is that of the current page.
2. : goes to the [Site list](#) page.
3. : goes to the [User Settings](#) page.
4. : quits the programme. **NOTE:** If pressed a pop-up window appears to confirm.
5. **Date:** data display start date and time.
6.  : displays the interval of the previous () or subsequent data () compared to the entered date/time and the interval selected (day/week/month)
7.  **Day:** displays the data for the last day.
8.  **Week:** displays the data for the last week.
9.  **Month:** displays the data for the last month.
10. : goes to the [History Table](#) page.

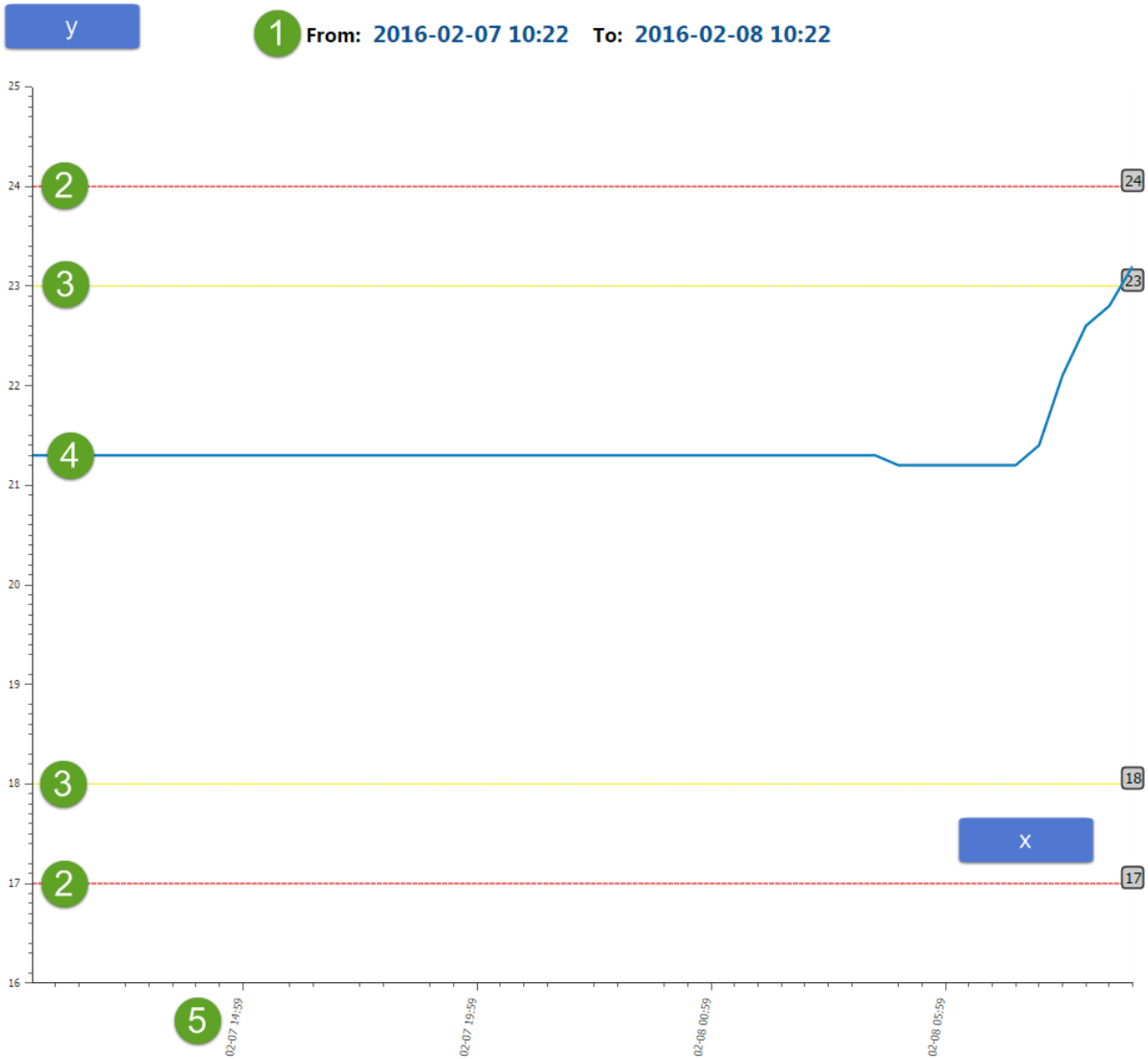
Data window

NOTE: The graph has a qualitative value and shows only a sample of the saved data. For the detail of the values, refer to the [History Table](#)

NOTE: The **x** (abscissa) and **y** (ordinate) axes are sized automatically according to the display period settings and relative values.

The information includes: 





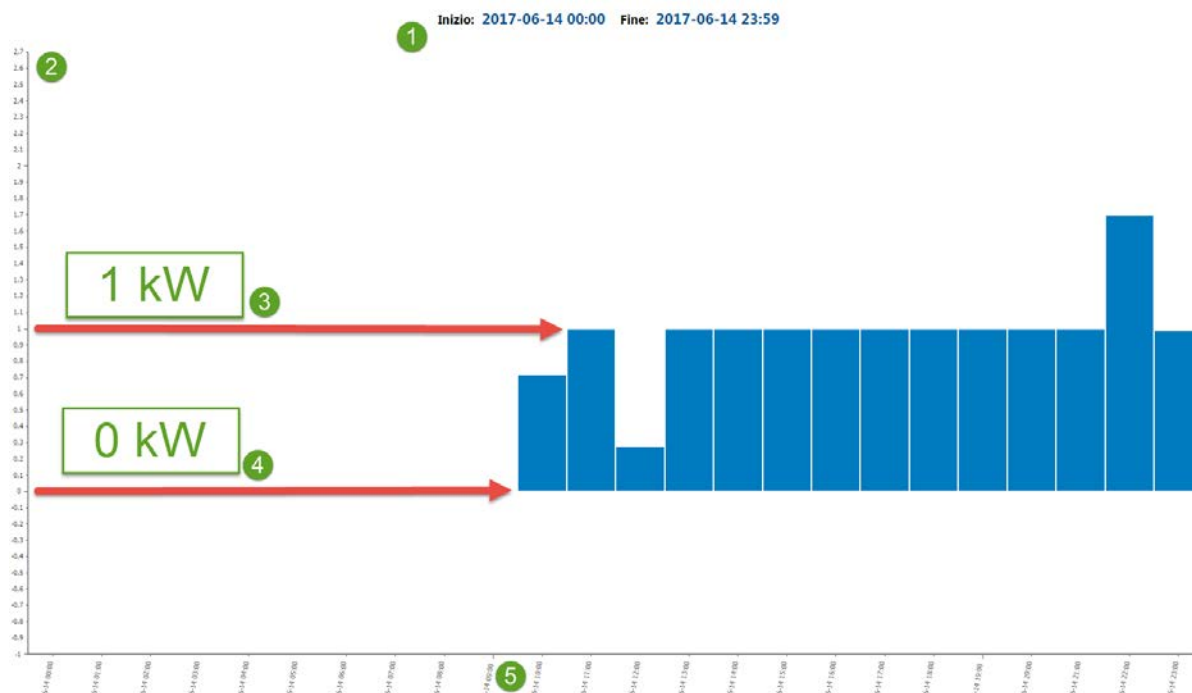
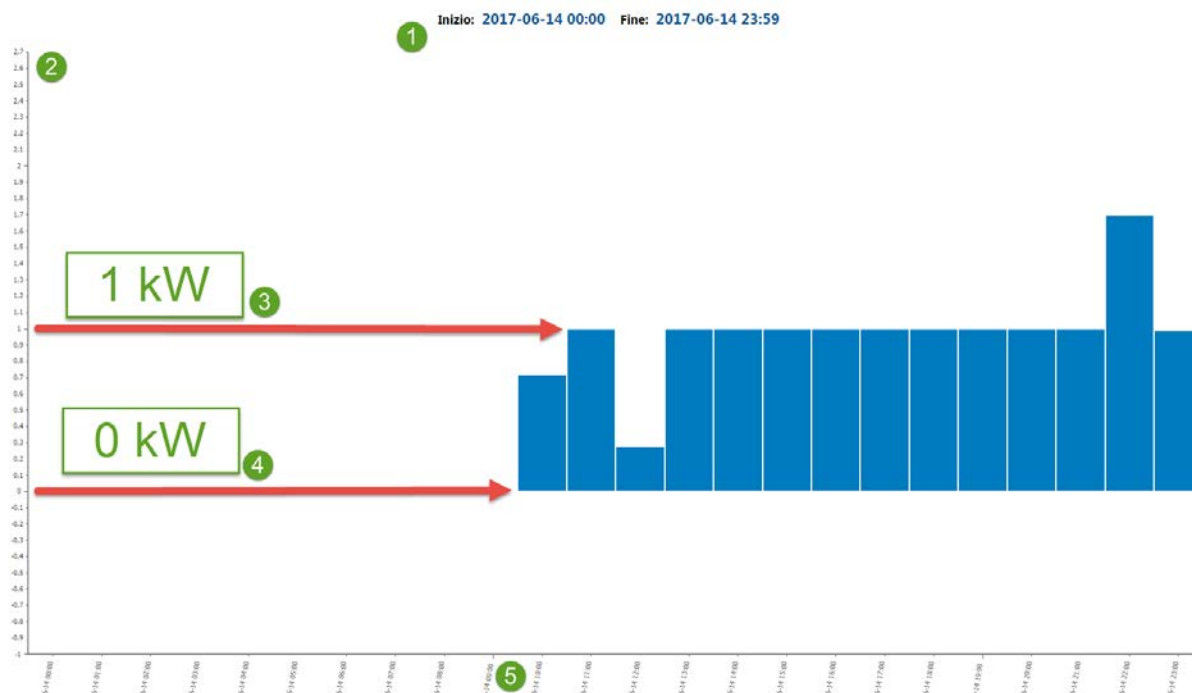
1. **Interval:** data display interval (**From:** start - **To:** end).
2. **Alarm:** alarm thresholds (see [Threshold settings](#)).
3. **Alert:** Alert thresholds (see [Threshold settings](#)).
4. **Trend:** graph of value trends read by the resource
5. **Date:** date/time of data registration

Energy resource data window

NOTE: The graph has a qualitative value and shows only a sample of the saved data. For the detail of the values, refer to the [History Table](#)

NOTE: The **x** (abscissa) and **y** (ordinate) axes are sized automatically according to the display period settings and relative values.

The information includes: 



- 1. Interval:** data display interval (**From:** start - **To:** end).
- 2. Delta Value:** indicated value expressed as delta compared to the previous reading (0, no delta)
- 3. Trend | Consumption (1 kW) :** graphic trend as histogram of values read by the resource. The value read at the point it is expresses as delta compared to the

previous reading

(in this case relative delta of 1.0 kW compared to the previous reading)

4. **Trend | Consumption (0 kW)**: graphic trend like histogram of values read by the resource. The value read at the time it is expressed as delta compared to the current reading
(in this case relative delta of 0.0 kW compared to the previous reading or no change detected)
5. **Date**: date/time of data registration

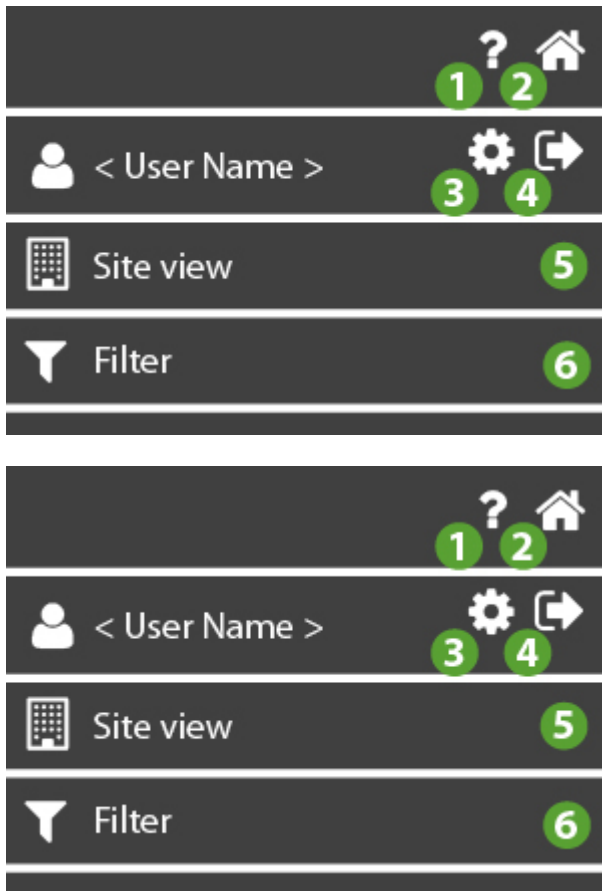
LOGBOOK







Title bar

1. **X**: closes the screen and goes to the [Site view](#) page.

Menu bar












This area includes: 















1.  : opens the Online Help. The first screen is that of the current page.
2.  : goes to the [Site list](#) page.
3.  : goes to the [User configuration](#) page.
4.  : quits the programme. **NOTE:** If pressed, opens a pop-up window asking you to confirm.
5.  : goes to the [Site info](#) page (owner, name, company, etc.).
6.  : goes to the [Logbook Filter](#) page (event, date, type of event).





Data window

From left to right the information given is: 

	 ha eseguito l'accesso	1h fa 2016-01-22 11:46
1	2	3
	Inizio Preallarme Alta - Ingresso analogico (visualizzazione) 2	5h fa 2016-01-22 07:23
	Fine Preallarme Alta - Ingresso analogico (visualizzazione) 2	14h fa 2016-01-21 22:08
	Fine Allarme Alta - Ingresso analogico (visualizzazione) 2	1d fa 2016-01-21 12:38
	Inizio Allarme Alta - Ingresso analogico (visualizzazione) 2	1d fa 2016-01-21 11:23
	 ha eseguito l'accesso	1d fa 2016-01-21 11:13
	 ha eseguito l'accesso	1d fa 2016-01-21 11:10
	Inizio Preallarme Alta - Ingresso analogico (visualizzazione) 2	1d fa 2016-01-21 08:23
		1d fa

 <input type="text"/> ha eseguito l'accesso	1h fa 2016-01-22 11:46
1  Inizio Preallarme Alta - Ingresso analogico (visualizzazione) 2	3 5h fa 2016-01-22 07:23
 Fine Preallarme Alta - Ingresso analogico (visualizzazione) 2	14h fa 2016-01-21 22:08
 Fine Allarme Alta - Ingresso analogico (visualizzazione) 2	1d fa 2016-01-21 12:38
 Inizio Allarme Alta - Ingresso analogico (visualizzazione) 2	1d fa 2016-01-21 11:23
 <input type="text"/> ha eseguito l'accesso	1d fa 2016-01-21 11:13
 <input type="text"/> ha eseguito l'accesso	1d fa 2016-01-21 11:10
 Inizio Preallarme Alta - Ingresso analogico (visualizzazione) 2	1d fa 2016-01-21 08:23
 <input type="text"/> ha eseguito l'accesso	1d fa


-  (BLUE): Operation performed by the user (access, edit, etc.).
 -  (BLUE): Writing operation ([Commands and parameters configuration](#)).
 -  (BLUE): Command sent to device ([Commands and Parameters Configuration](#)).
 -  or  (YELLOW): Start of an alert (one of the thresholds entered in the [Threshold settings](#)) has been exceeded.
 -  or  (RED): Start of an alarm (one of the thresholds entered in the [Threshold settings](#)) has been exceeded.
 -  or  (GREY): End of an alarm/alert.
 -  (RED): Start of a controller alarm (the relative data is not stored).
 -  (GREY): End of a controller alarm (the relative data is not stored).
 -  (RED): Start of an alarm.

-  (GREY): End of an alarm.
-  (RED): Start of a No-Link gateway alarm (the relative data are not stored).
-  (GREY): End of a No-Link gateway alarm (the relative data are not stored).
-  (GREEN): Alarm/alert notifications sent ([Alarm notification settings](#)).

2. Description of the event indicated.
3. Date/ Time of the event registration.



LOGBOOK FILTER

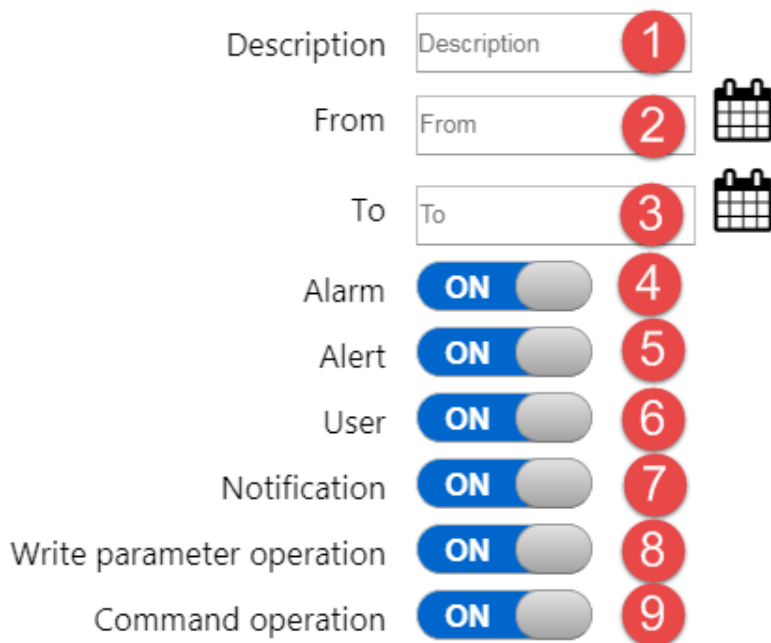
Title bar



1. : closes the screen and goes to the [Site logbook](#) page.

Data window


From top to bottom, the fields to be compiled are: 

Description	<input type="text" value="Description"/>	1	
From	<input type="text" value="From"/>	2	
To	<input type="text" value="To"/>	3	
Alarm	<input checked="" type="checkbox"/>	4	
Alert	<input checked="" type="checkbox"/>	5	
User	<input checked="" type="checkbox"/>	6	
Notification	<input checked="" type="checkbox"/>	7	
Write parameter operation	<input checked="" type="checkbox"/>	8	
Command operation	<input checked="" type="checkbox"/>	9	




1. **Description:** filters the events by description
2. : (**From**) selects the start date of the events to display.
3. : (**To**) selects the end date of the events to display.
4. **Alarm:** **OFF** does not display the alarms; **ON** displays the alarms.
5. **Alert:** **OFF** does not display the alerts; **ON** displays the alerts.
6. **User:** **OFF** does not display the user operations; **ON** displays the user operations.
7. **Notification:** **OFF** does not display the notifications sent; **ON** displays the notifications sent.
8. **Parameter writing operation:** **OFF** does not display the parameter writing operations executed; **ON** displays the parameter writing operations executed.
9. **Command operation:** **OFF** does not display the commands executed; **ON** displays the commands executed.

Contextual Controls

1.  : Confirms and starts to search for events satisfying the entered data


CONTROLLERS


CAUTION:

Before quitting the page, always press  to save any changes.


Otherwise all the operations performed on the controllers (selection/deselection of resources, threshold settings, controller enabling/disabling) will be lost.

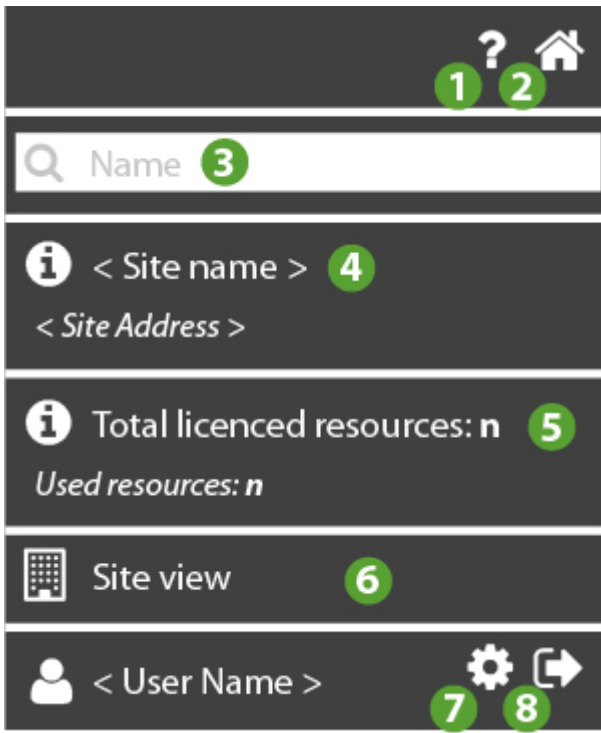
Title bar

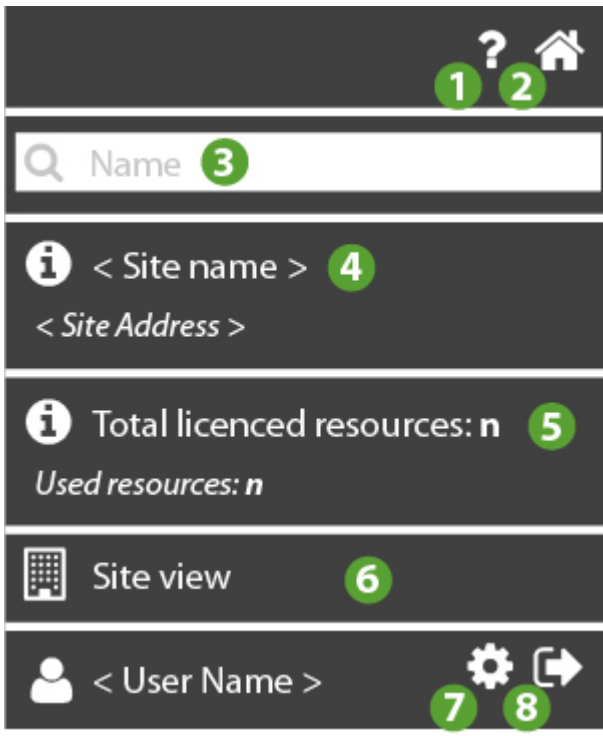
1. : closes the screen and goes to the [Site view](#) page.









NOTE: When pressed a pop-up window opens for confirmation. Save () any changes before quitting.

Menu bar

This area includes: 





1. : opens the Online Help. The first screen is that of the current page.
2. : goes to the [Site list](#) page.
3. : filters the controllers by description.
4. : shows information concerning <Site name> and <Site address>.
5. : shows information concerning Total number of resources in the license and Total number of resources used.
6. : goes to the [Site info](#) page (owner, name, company, etc.).
7. : goes to the [User configuration](#) page.
8. : quits the programme. **NOTE:** If pressed, opens a pop-up window asking you to confirm.

Data window

The information includes: 





Online Help TelevisBlue

<input type="checkbox"/>	00:00	TelevisIn	<input checked="" type="checkbox"/>	00:00 TelevisIn		
<input type="checkbox"/>	00:01	TelevisIn	<input checked="" type="checkbox"/>	00:01 TelevisIn		
<input type="checkbox"/>	00:02	TelevisIn	<input checked="" type="checkbox"/>	00:02 TelevisIn		
<input type="checkbox"/>	00:03	TelevisIn	<input checked="" type="checkbox"/>	00:03 TelevisIn		
<input type="checkbox"/>	00:04	TelevisIn	<input checked="" type="checkbox"/>	00:04 TelevisIn		
<input type="checkbox"/>	00:05	TelevisIn	<input checked="" type="checkbox"/>	00:05 TelevisIn		
<input type="checkbox"/>	00:06	TelevisIn	<input checked="" type="checkbox"/>	00:06 TelevisIn		
<input type="checkbox"/>	00:00	TelevisIn	<input checked="" type="checkbox"/>	00:00 TelevisIn		
<input type="checkbox"/>	00:01	TelevisIn	<input checked="" type="checkbox"/>	00:01 TelevisIn		
<input type="checkbox"/>	00:02	TelevisIn	<input checked="" type="checkbox"/>	00:02 TelevisIn		
<input type="checkbox"/>	00:03	TelevisIn	<input checked="" type="checkbox"/>	00:03 TelevisIn		
<input type="checkbox"/>	00:04	TelevisIn	<input checked="" type="checkbox"/>	00:04 TelevisIn		
<input type="checkbox"/>	00:05	TelevisIn	<input checked="" type="checkbox"/>	00:05 TelevisIn		
<input type="checkbox"/>	00:06	TelevisIn	<input checked="" type="checkbox"/>	00:06 TelevisIn		

- : controller selection box (*).
- 00:00**: controller address (FAA:dEA)
- Type**: type of controller (e.g. TelevisIn)
- Controller activation**: **OFF** if the controller is not activated; **ON** if the controller is activated.
- Description**: name assigned to the controller.
- : goes to the [Controller resources](#) page.
- : goes to the [Commands and Parameters](#) page.


(*) in the case of multiple selection, the following page is displayed: [Commands and Parameters](#) > Data Window > Case B: commands/parameters for multiple controllers

Contextual Controls

1. : Select all controllers in the network
2. : Copies the selected controller settings (Name, Resource name, resource selection, alarm/Alert thresholds)
3. : Pastes the selected controller settings
4. : Saves the configuration and goes to the [Site view](#) page.

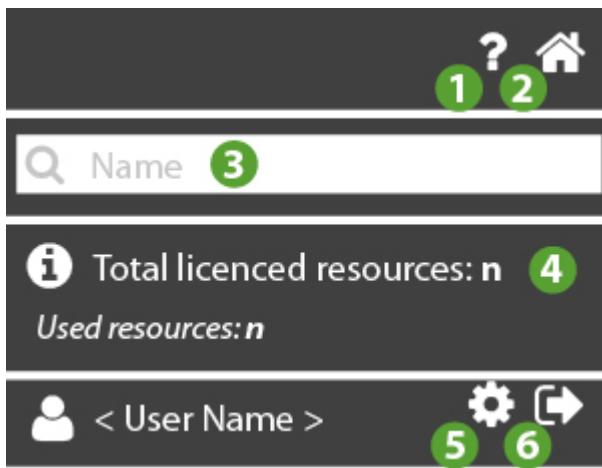
CONTROLLER RESOURCES

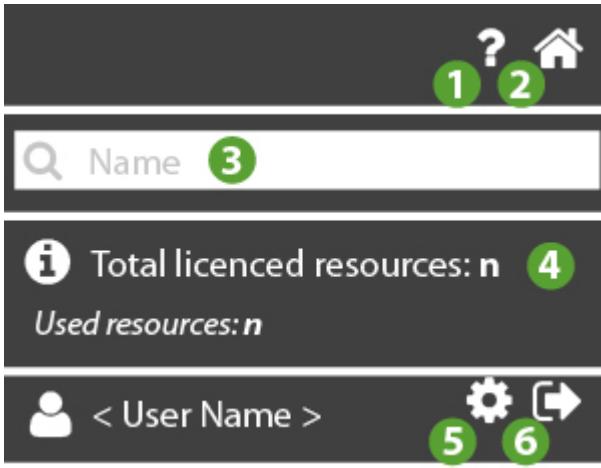
Title bar







1. : closes the screen and goes to the [Controllers List](#) page.

Menu bar

This area includes: 














































1. : opens the Online Help. The first screen is that of the current page.
2. : goes to the [Site list](#) page.
3. : filters the resources by description.
4. : shows information concerning Total number of resources in the license and Total number of resources used.
5. : goes to the [User Settings](#) page.
6. : quits the programme. **NOTE:** If pressed a pop-up window appears to confirm.

Data window

The information includes: 

	Analogue Input (display) 1	Temperature 1	<input checked="" type="checkbox"/>			
	Analogue Input (display) 1	Temperature 2	<input checked="" type="checkbox"/>			
	Analogue Input (display) 1	Temperature 3	<input checked="" type="checkbox"/>			
<input checked="" type="checkbox"/>	Alarm	Nome	<input type="checkbox"/>			
	No - Link	Nome	<input type="checkbox"/>			
1	2	3	4	5	6	7


	Analogue Input (display) 1	Temperature 1	<input checked="" type="checkbox"/>			
	Analogue Input (display) 1	Temperature 2	<input checked="" type="checkbox"/>			
	Analogue Input (display) 1	Temperature 3	<input checked="" type="checkbox"/>			
<input checked="" type="checkbox"/>	Alarm	Nome	<input type="checkbox"/>			
	No - Link	Nome	<input type="checkbox"/>			
1	2	3	4	5	6	7

- 1. -  : analogue resource (probes, etc.)
-  : risorsa digitale (stand-by, ecc.)
-  : risorsa di allarme controllore (guasto, superamento limiti, ecc.)

2. **Description:** resource description





3. **Resource:** name assigned to the resource

4. **Resource activation:** **OFF** if the resource is not activated; **ON** if the resources is activated.

5. -  (**YELLOW**): Enabled Energy Resource.

-  (**GREY**): Energy Resource not enabled.

NOTE: when pressed the [Threshold settings](#) window opens

6. -  (**YELLOW**): Alert threshold enabled.
-  (**GREY**): No Pre-alarm threshold enabled.
NOTE: when pressed the [Threshold settings](#) window opens
7. -  (**RED**): Alarm threshold enabled.
-  (**GREY**): No Alarm threshold enabled.
NOTE: when pressed the [Threshold settings](#) window opens


THRESHOLD SETTINGS

The threshold types are:

- A. alarm and alert
- B. energy resources


ALARM AND ALERT THRESHOLD SETTINGS

Title bar

1. : closes the screen and goes to the [Controller resources](#) page.



Data window


From top to bottom, the fields to be compiled are: 

 Alarm

High Threshold:



Low Threshold:


 

 Warning

High Threshold:



Low Threshold:


 

 Alarm

High Threshold:



Low Threshold:




 

 Warning




High Threshold:

Low Threshold:


1. **High Threshold Alarm** - : maximum alarm threshold.
2. **Low Threshold Alarm** - : minimum alarm threshold.
3. : (BLUE) delay settings box active.

4. **Delay**: alarm activation delay (selected from the drop-down menu)

- 5. **High Threshold Alert** - : maximum alert threshold
- 6. **Low Threshold Alert** - : minimum alert threshold
- 7. : (GREY) delay settings box blocked.
- 8. **Delay**: alarm activation delay (selected from the drop-down menu)




ENERGY RESOURCES THRESHOLD SETTINGS





Title bar



- 1. : closes the screen and goes to the [Controller resources](#) page.



Data window




From top to bottom, the fields to be compiled are: 

 Energy type resource
 10 min.  ▼

High threshold:	 Alarm 
High threshold:	 Alert 

 Energy type resource
 10 min. **1** ▼


High threshold:  Alarm <input type="text" value="2"/>
High threshold:  Alert <input type="text" value="3"/>

- : (BLUE) observation interval settings box (selected from the drop down menu).
- High Threshold Alarm** - : maximum alarm threshold.
- High Threshold Alert** - : maximum alert threshold

NOTE. There are no minimum thresholds and delays.

SITE INFO

Title bar





- : closes the screen and goes to the [Site view](#) page.

Menu bar


This area includes: 

 < User Name >   1 2
 < Site name > 3 < Site Address >
 Controllers discovery 4



1. : goes to the [User configuration](#) page.
2. : quits the programme. **NOTE:** If pressed, opens a pop-up window asking you to confirm.
3. : shows information concerning [<Site name>](#) and [<Site address>](#).
4. : goes to the [Controllers discovery](#) page.

Data window

The fields compiled/to be compiled are: 

Online Help TelevisBlue

1 TelevisGate S/N:

2 Owner:

A Reference email:

Reference name:

Reference phone:

Reference ID:

3 Site name:

4 Address:

5 Company:

6 Time zone:

7 Contact / notes:

8 Registration time:

9 Alarms management: Cloud analysis
Cloud thresholds analysis only. This functionality requires the data to be first collected by the cloud server, then analyzed versus the configured thresholds. Expect a minimum of 15' delay due to built in synchronous data transmission interval.

Controllers events
All alarm conditions configured in the controllers are monitored. In case the status changes, the alarm condition is transmitted to the cloud to manage notifications. Alarm events are listed in the Logbook. Note that this functionality requires 1 resource for each monitored controller

B Delegate list:

- TelevisBlue Enterprise (televisblue.enterprise@gmail.com)
- **TelevisBlue Reference Delegate** (televisblue.ref.delegate@gmail.com) - *reference delegate*

TelevisGate software version: 1.2.1 10

TelevisGate firmware version: 2.6.35.3-221215-REL110_HIGH_BO_OFFSET 11

Licence model: 12

Licence duration: 13

Licence expiration: 2017-12-31 00:00 14

Licence resource limit: 50 15

1 TelevisGate S/N:

2 Owner:

A Reference email:

Reference name:

Reference phone:

Reference ID:

3 Site name:

4 Address:

5 Company:

6 Time zone:

7 Contact / notes:

8 Registration time:

9 Alarms management: Cloud analysis
Cloud thresholds analysis only. This functionality requires the data to be first collected by the cloud server, then analyzed versus the configured thresholds. Expect a minimum of 15' delay due to built in synchronous data transmission interval.

Controllers events
All alarm conditions configured in the controllers are monitored. In case the status changes, the alarm condition is transmitted to the cloud to manage notifications. Alarm events are listed in the Logbook. Note that this functionality requires 1 resource for each monitored controller

B Delegate list:

- TelevisBlue Enterprise (televisblue.enterprise@gmail.com)
- **TelevisBlue Reference Delegate** (televisblue.ref.delegate@gmail.com) - *reference delegate*

TelevisGate software version: 1.2.1 10

TelevisGate firmware version: 2.6.35.3-221215-REL110_HIGH_BO_OFFSET 11

Licence model: 12

Licence duration: 13

Licence expiration: 2017-12-31 00:00 14

Licence resource limit: 50 15

1. **TelevisGate S/N:** Serial code of the site (written below the TelevisBlue barcode).

2. **Owner**: name of the site owner.
3. **Site name (*)**: name assigned to the site.
4. **Address (**)**: address/location of the site
5. **Company(*)**: company/user and owner of the site.
6. **Time zone (**)**: time zone used by the site.
7. **Contact / notes (*)**: notes field (contact person, notes, etc.).
8. **Registration time (***)**: registration interval.
9. **Alarms management**: type of alarm management:
 - **Cloud analysis (§)**: manages the cloud alarms (Alarm and Alert thresholds).
NOTE: it is in any case possible to monitor a specific controller alarm but each alarm will use a resource.
 - **Controllers events (§§)**: manages cloud alarms (Alarm and Alert thresholds) and controller alarms.
NOTE: all controller alarm resources will use a single resource. Only one alarm will be displayed and will not be stored.
10. **TelevisGate software version** : version of the software in the TelevisGate.
11. **TelevisGate, firmware version**: version of the firmware in the TelevisGate.
12. **Model license**: model of the TelevisBlue purchased.
13. **License length**: months of validity of the license.
14. **License expiry**: date/ time of the license expiry.
15. **License resource limit**: maximum number of resources.

(§) Analysis of data recorded on the cloud only.

This function requires that the data be collected on the server before the analysis of the configured thresholds.

Consider at least 15 minutes' delay due to the pre-set interval of the periodic data transmission.

(§§) All the alarm conditions configured in the controllers are monitored.

If the status changes, the alarm condition is sent to the cloud to activate the notifications.

The alarm events are listed in the logbook. Note that this function requires 1 resource for each controller monitored

(*) : the information entered is linked to the user and not to the site (it changes from user to user)

(**): the information entered is linked to the sites and not the user (the same for all)

(***): consider at least 15 minutes' delay due to the preset interval of the periodic data transmission.

Enterprise data window

The following information is only visible to enterprise type users, setting established by Eliwell.


Contact Sales Office for further information

A. **Delegate References:** data relating to the delegate:

- **Reference e-mail:** e-mail of delegate - **obligatory field**
- **Reference name:** name of the delegate
- **Reference phone:** delegate's phone number
- **Reference ID:** delegate's unambiguous code


B. **Delegate List:** List of delegates: in **bold** the Delegate References are indicated.

Contextual Controls

1.  : Confirms and stores the entered data.

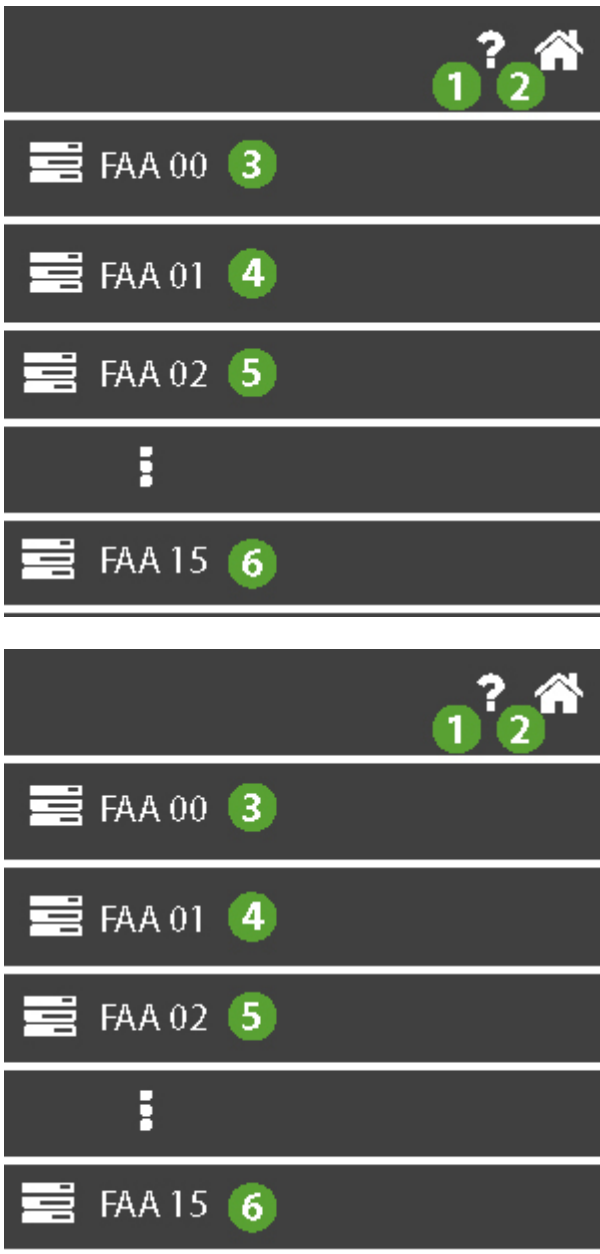
CONTROLLERS DISCOVERY


Title bar


1.  : closes the screen and goes to the [Site view](#) page.

Menu bar

This area includes: 



1. : opens the Online Help. The first screen is that of the current page.

2. : goes to the [Site list](#) page.

3. **FAA 00**: selects all the addresses with FAA = 00 and dEA = 00 ... 15.


4. **FAA 01**: selects all the addresses with FAA = 01 and dEA = 00 ... 15.

5. **FAA 02**: selects all the addresses with FAA = 02 and dEA = 00 ... 15.



4. **FAA 15**: selects all the addresses with FAA = 15 and dEA = 00 ... 15.

Data window

From top to bottom, the fields compiled/to be compiled are: 

1 From address 2 To address

14	14		13	13
15	15		14	14
0	0	-	15	15
1	1		0	0
2	2		1	1

3 Addresses to add: 256


1 From address 2 To address

14	14		13	13
15	15		14	14
0	0	-	15	15
1	1		0	0
2	2		1	1

3 Addresses to add: 256


1. **From address:** search start address (e.g. FAA = 0 and dEA = 0).
2. **To address:** search end address (e.g. FAA = 15 and dEA = 15).
3. **Addresses to add:** number of addresses to scan (automatically calculated according to the values set in points 1 and 2).

Contextual Controls


1.  : Confirms and goes to the [Address Selection](#) page.

ADDRESS SELECTION






Title bar

1. : closes the screen and goes to the [Site view](#) page.

Menu bar


This area includes: 

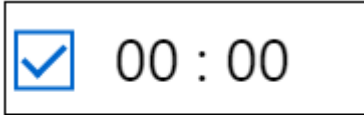
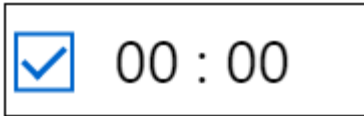


1. : opens the Online Help. The first screen is that of the current page.
2. : goes to the [Site list](#) page.
3. : goes to the [Site view](#) page.
4. : goes to the [User Settings](#) page.
5. : quits the programme. **NOTE:** If pressed a pop-up window appears to confirm.

Data window





A list of addresses resulting from the selection done in the [Controllers discovery](#) page

appears and: 




1. / : the relative address (FAA:dEA) is deselected and will not be scanned.
/ : the relative address (FAA:dEA) is selected and will be scanned.
2. **Address:** address to be scanned (e.g. 00:00).

Contextual Controls


1. : Deselects all the addresses
2. : Adds a new address
3. : deletes all selected addresses (present)
4. : Saves and starts scanning. Then goes to the [Controller Selection](#) page.

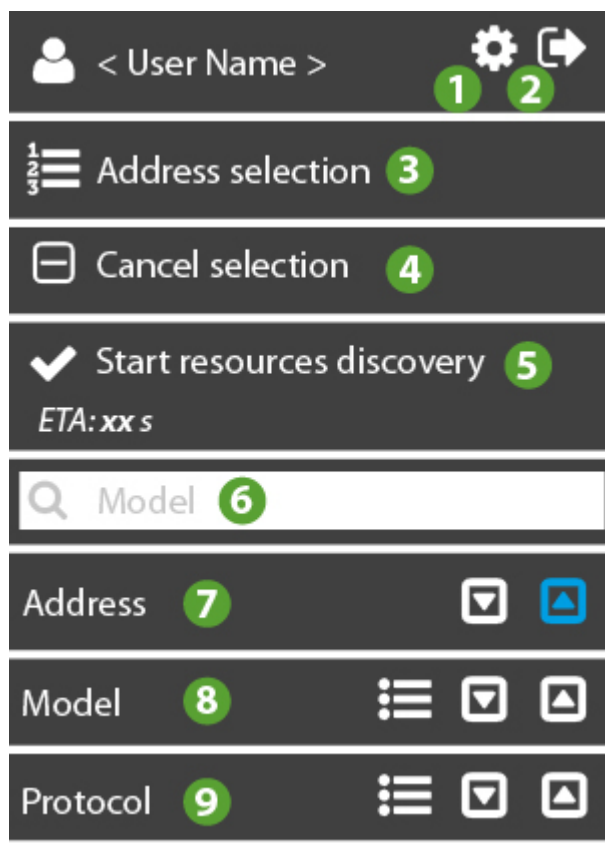
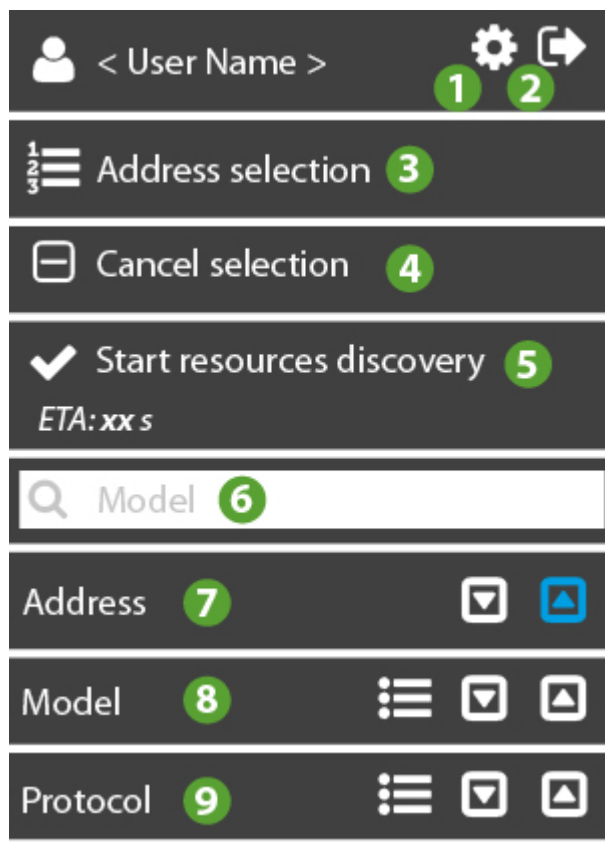
CONTROLLER SELECTION

Title bar






















1. : closes the screen having displayed a pop-up window to confirm acceptance of data loss and goes to the [Address Selection](#) page.

Menu bar

This area includes: 



- 1. : goes to the [User Settings](#) page.

2.  : quits the programme. **NOTE:** If pressed a pop-up window appears to confirm.
3.  : goes to the [Address Selection](#) page.
4.  : deselects all the controllers
5.  : starts to scan the resources of the selected controllers. Then goes to the [Controller list](#) page. (**xx**: indicates the scanning time estimated in seconds).
6.  : filters the controllers by name.
7. **Address**: orders the controllers by address.
 -  : decreasing order active;  : no decreasing order.
 -  : increasing order active;  : no increasing order.
8. **Model**: order/grouping by model.
 -  : grouping active;  : no grouping.
 -  : decreasing order active;  : no decreasing order.
 -  : increasing order active;  : no increasing order.
9. **Protocol**: order/grouping by protocol.
 -  : grouping active;  : no grouping.
 -  : decreasing order active;  : no decreasing order.
 -  : increasing order active;  : no increasing order.

Data window

The information includes: 



00:02 - TelevisIn (uNet)

1

2



00:02 - TelevisIn (uNet)




1. / : controller deselected and will not be scanned.


/ : controller selected and will be scanned.

2. **Controller**: controller description.

Contextual Controls


1. : Closes the screen and goes to the [Address Selection](#) page.

2. : deselects all controllers.

3. : Saves and starts scanning. Then goes to the [Site view](#) page.

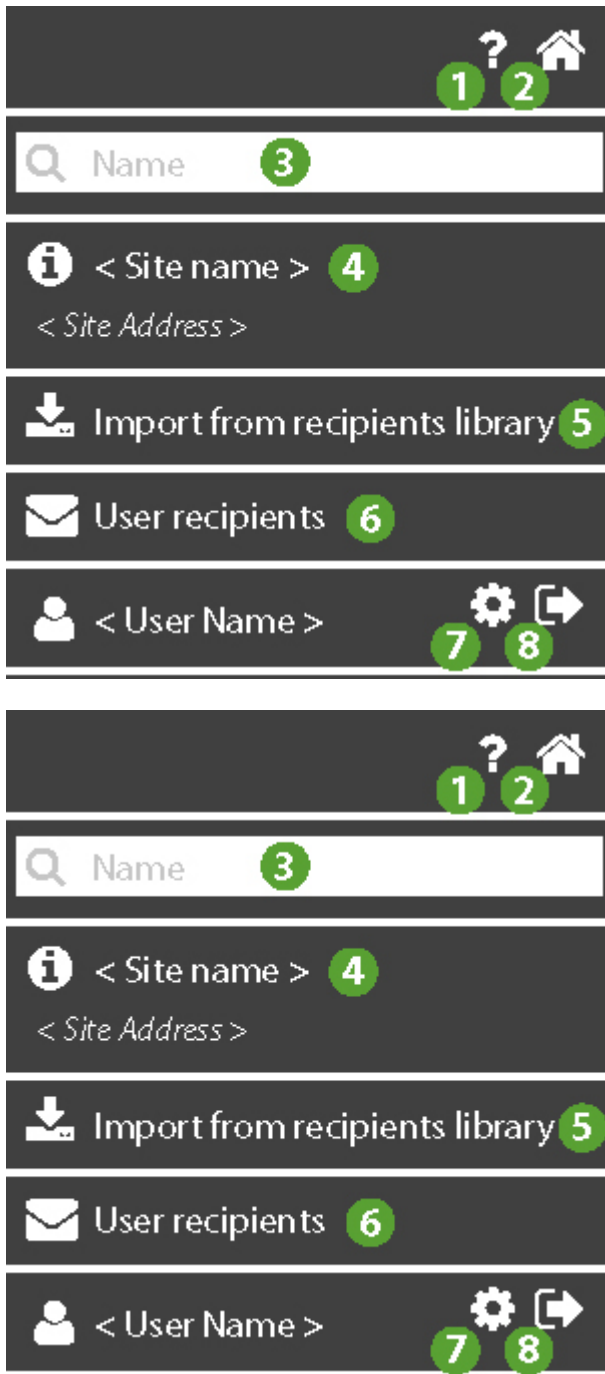
NOTIFICATIONS RECIPIENTS





Title bar






1. : closes the screen and goes to the [Site view](#) page.

Menu bar

This area includes: 

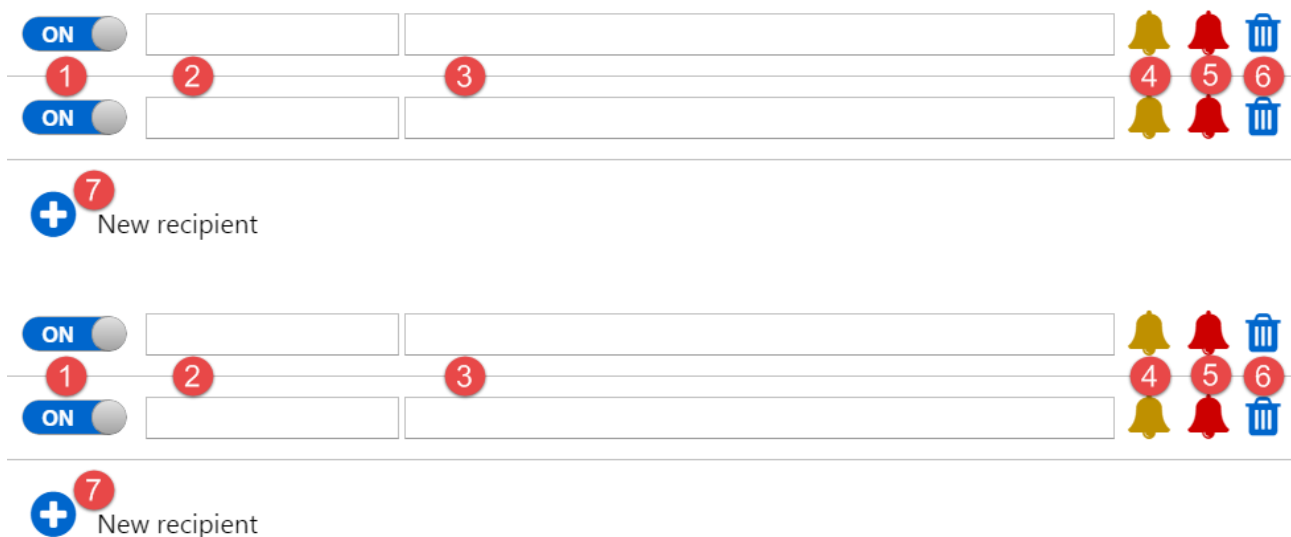


1. : opens the Online Help. The first screen is that of the current page.
2. : goes to the [Site list](#) page.
3. : filters notifications recipients by name and email.
4. : shows information concerning < Site name > and < Site address >.



5. : imports all the notification "Recipients list" (See )
6. : goes to the [Recipients List](#) page. **NOTE:** This list is at User and not at Site level.
7. : goes to the [User Settings](#) page.
8. : quits the programme. **NOTE:** If pressed a pop-up window appears to confirm.



Data window

From left to right the information given is: 





The screenshot shows two rows of recipient information. Each row consists of a toggle switch (labeled 'ON'), a name field, an email field, and three notification status icons (yellow bell, red bell, and trash bin). Red circles with numbers 1 through 7 point to specific elements: 1 points to the toggle switch, 2 to the name field, 3 to the email field, 4 to the yellow bell icon, 5 to the red bell icon, 6 to the trash bin icon, and 7 to a plus sign icon labeled 'New recipient'.


1. **Recipient activation:** **OFF** if the recipient is not active; **ON** if the recipient is active.
 2. **Name:** name assigned to the notifications recipient.
 3. **Email:** email of the notifications recipient (they do not have to be registered in the www.televisblue.com portal).
 4. -  (**YELLOW**): the user will receive an email if an alert is active.
 -  (**GREY**): the user will not receive an email if an Alert is active.
- NOTE:** To pass from one condition to the other, click on the icon.

- 5. -  (**RED**): the user will receive an email if an alarm is active.
-  (**GREY**): the user will not receive an email if an alarm is active.

NOTE: To pass from one condition to the other, click on the icon.


- 6. : deletes the relative recipient.
- 7. : adds a new recipient.

Contextual Controls


- 1. : Saves the settings and goes to the [Site view](#) page.











RECIPIENTS LIST

Title bar



- 1. : closes the screen and goes to the [Notifications recipients](#) page.

Data window

The fields to be compiled are: 


Name 	Email 	 
 New user recipient		
Name 	Email 	 
 New user recipient		

- 1. **Name:** name assigned to the notifications recipient.
- 2. **Email:** email of the notifications recipient (they do not have to be registered in the www.televisblue.com portal).

3. : deletes the relative recipient.
4. : adds a new recipient.


NOTE: the recipients list is at user and not site level.

Contextual Controls


1. : Saves the settings and goes to the [Site view](#) page.

REPORTS



Title bar




1. / closes the screen and goes to the [Site View](#).

Menu bar

This area includes: 
























1. : opens the Online Help. The first screen is that of the current page.
2. : goes to the [Site list](#) page.





3. : filters the reports by name.
4. : goes to the [User Settings](#) page.
5. : quits the programme. **NOTE:** If pressed a pop-up window appears to confirm.

Data window

The information includes: 


Daily HACCP	Daily	  
1	2	3 4 5
Last Month data	Monthly	  
Weekly data	Weekly	  
 6	New report	
Daily HACCP	Daily	  
1	2	3 4 5
Last Month data	Monthly	  
Weekly data	Weekly	  
 6	New report	

1. **Name:** name assigned to the report.
2. **Frequency:** reporting frequency (daily/ weekly / monthly).
 - **Daily:** the report will be available the next day
 - **Weekly:** the report will be available the following Monday
 - **Monthly:** the report will be available on the first day of the next month
3. : used to edit the report. Closes the screen and goes to the [Report configuration](#) page.


- : deletes the relative report. **WARNING:** deleting a report also deletes all the PDF copies of the report saved on the cloud.
- : accesses all PDF copies of the report saved on the cloud (identified by the date of execution) and downloaded by pressing the icon .
- : adds a new report. Closes the screen and goes to the [Report configuration](#) page.

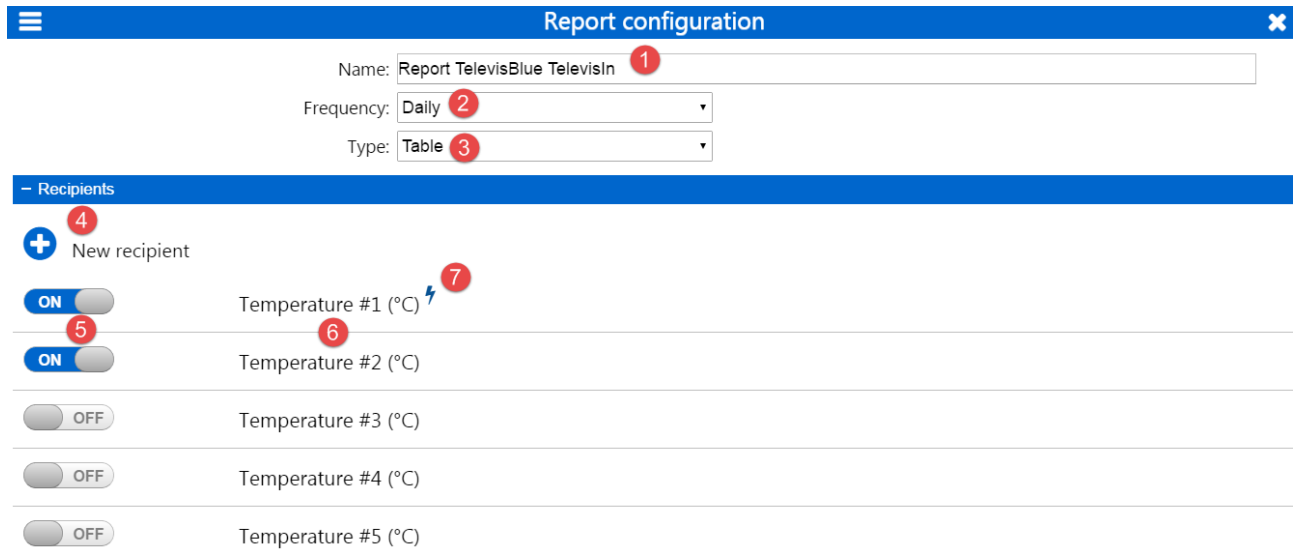
REPORT CONFIGURATION

Title bar


- : closes the screen and goes to the [Report List](#) page.

Data window

From top to bottom, the fields are: 



The screenshot shows the 'Report configuration' window with the following fields and controls:

- Name:** Report TelevisBlue TelevisIn (1)
- Frequency:** Daily (2)
- Type:** Table (3)
- Recipients:**
 -  (4) New recipient
 - (5) Temperature #1 (°C) (7)
 - (6) Temperature #2 (°C)
 - OFF Temperature #3 (°C)
 - OFF Temperature #4 (°C)
 - OFF Temperature #5 (°C)

☰
Report configuration
✕

Name: 1

Frequency: Daily 2

Type: Table 3

– Recipients

+
4
New recipient

<input checked="" type="checkbox"/> 5	Temperature #1 (°C) 7
<input checked="" type="checkbox"/> 6	Temperature #2 (°C)
<input type="checkbox"/> OFF	Temperature #3 (°C)
<input type="checkbox"/> OFF	Temperature #4 (°C)
<input type="checkbox"/> OFF	Temperature #5 (°C)

1. **Name:** name assigned to the report.
2. **Frequency:** reporting frequency (daily/ weekly / monthly).
3. **Type:** report type (HACCP, table type, export type).
 - HACCP report
 - Table type report: PDF with value in table format
 - export type report

4. + **New user recipient** adds a new report recipient:

Name 1

Email 2

3

+

New user recipient

Name 1



Email 2

3





+

New user recipient

3.
 1. **Name:** name assigned to the notifications recipient.

2. **Email:** email of the report recipient (they do not have to be registered with the **www.televisblue.com** portal).
3. : deletes the report recipient.
4. **Resource:** **OFF** the resource will not be entered in the report; **ON** the resource will be entered in the report.
5. **Description:** description of the resource.
6. If the resource is an energy type, there is the icon 

Contextual Controls

1. : downloads a copy of the report just configured in real time. See [How to read the reports](#).
2. : selects all resources.
3. : deselects all resources.
4. : Saves the report just configured and goes to the [Report list](#) page.

HOW TO READ THE REPORT

There can be three kinds of reports:

1. HACCP. Exportation in PDF format conforms to requirements of HACCP regulations. The report starts at midnight with hourly frequency.
2. Table. Exportation in PDF format. Each resource is viewed separately in table form and split up by type (general resource or energy type resource).
 - see Resources and Energy Resource examples
3. Export. Exportation in Excel format. The report starts at midnight. The resources are viewed on adjacent columns.

Resources

Report page resources: 

A Tabella dati risorse

Data	00:01 TelevisIn Temperature #2
31/05/2017 00:03	25.6 °C
31/05/2017 00:08	25.6 °C
31/05/2017 00:13	25.6 °C
31/05/2017 00:18	25.6 °C
31/05/2017 00:23	25.6 °C
31/05/2017 00:28	25.6 °C
31/05/2017 00:33	25.6 °C
31/05/2017 00:38	25.6 °C
31/05/2017 00:43	25.6 °C
31/05/2017 00:48	25.6 °C
31/05/2017 00:53	25.6 °C
31/05/2017 00:58	## °C
31/05/2017 01:03	## °C
31/05/2017 01:08	## °C
31/05/2017 01:13	25.6 °C
31/05/2017 01:18	25.6 °C
31/05/2017 01:23	25.6 °C
31/05/2017 01:28	25.6 °C
31/05/2017 01:33	25.6 °C
31/05/2017 01:38	25.6 °C
31/05/2017 01:43	25.6 °C
31/05/2017 01:48	25.6 °C
31/05/2017 01:53	25.6 °C
31/05/2017 01:58	## °C
31/05/2017 02:03	25.6 °C
31/05/2017 02:08	25.6 °C
31/05/2017 02:13	25.6 °C

A Tabella dati risorse


Data	00:01 TelevisIn Temperature #2
31/05/2017 00:03	25.6 °C
31/05/2017 00:08	25.6 °C
31/05/2017 00:13	25.6 °C
31/05/2017 00:18	25.6 °C
31/05/2017 00:23	25.6 °C
31/05/2017 00:28	25.6 °C
31/05/2017 00:33	25.6 °C
31/05/2017 00:38	25.6 °C
31/05/2017 00:43	25.6 °C
31/05/2017 00:48	25.6 °C
31/05/2017 00:53	25.6 °C
31/05/2017 00:58	## °C
31/05/2017 01:03	## °C
31/05/2017 01:08	## °C
31/05/2017 01:13	25.6 °C
31/05/2017 01:18	25.6 °C
31/05/2017 01:23	25.6 °C
31/05/2017 01:28	25.6 °C
31/05/2017 01:33	25.6 °C
31/05/2017 01:38	25.6 °C
31/05/2017 01:43	25.6 °C
31/05/2017 01:48	25.6 °C
31/05/2017 01:53	25.6 °C
31/05/2017 01:58	## °C
31/05/2017 02:03	25.6 °C
31/05/2017 02:08	25.6 °C
31/05/2017 02:13	25.6 °C

A. Resource type

Online Help TelevisBlue

1. Date and time of registration interval.
2. Value read
3. Example of failed communication gateway (## °C to replace value read by probe)
In the event of a probe error '*' is displayed in replacement of the value read by the probe
In the event of a no link value read, '---' is displayed in replacement of the value read by the probe

Energy resources

Energy Resource report page: 

TelevisBlue

Televis 

A Tabella dati risorse di energia

1 Data	2 00:01 TelevisIn Temperature #1
31/05/2017 00:00	0 °C
31/05/2017 01:00	0 °C
31/05/2017 02:00	0 °C
31/05/2017 03:00	0 °C
31/05/2017 04:00	0 °C
31/05/2017 05:00	0 °C
31/05/2017 06:00	-0.8 °C
31/05/2017 07:00	-0.5 °C
31/05/2017 08:00	0.1 °C
31/05/2017 09:00	0 °C
31/05/2017 10:00	0 °C
31/05/2017 11:00	0 °C
31/05/2017 12:00	0 °C
31/05/2017 13:00	0 °C
31/05/2017 14:00	0 °C
31/05/2017 15:00	-0.1 °C
31/05/2017 16:00	-0.4 °C
31/05/2017 17:00	-0.28 °C
31/05/2017 18:00	1.18 °C
31/05/2017 19:00	0.4 °C
31/05/2017 20:00	0.2 °C
31/05/2017 21:00	0 °C
31/05/2017 22:00	0 °C
31/05/2017 23:00	0 °C

A Tabella dati risorse di energia

1 Data	00:01 TelevisIn Temperature #1 2
31/05/2017 00:00	0 °C
31/05/2017 01:00	0 °C
31/05/2017 02:00	0 °C
31/05/2017 03:00	0 °C
31/05/2017 04:00	0 °C
31/05/2017 05:00	0 °C
31/05/2017 06:00	-0.8 °C
31/05/2017 07:00	-0.5 °C
31/05/2017 08:00	0.1 °C
31/05/2017 09:00	0 °C
31/05/2017 10:00	0 °C
31/05/2017 11:00	0 °C
31/05/2017 12:00	0 °C
31/05/2017 13:00	0 °C
31/05/2017 14:00	0 °C
31/05/2017 15:00	-0.1 °C
31/05/2017 16:00	-0.4 °C
31/05/2017 17:00	-0.28 °C
31/05/2017 18:00	1.18 °C
31/05/2017 19:00	0.4 °C
31/05/2017 20:00	0.2 °C
31/05/2017 21:00	0 °C
31/05/2017 22:00	0 °C
31/05/2017 23:00	0 °C


A. Resource type

1. Date and time of registration interval.
2. Value read. For energy type resources, it is the delta of the value read compared to the previous reading

NOTE. Unlike other resources, the alarm threshold does not have an actual return but is punctual.

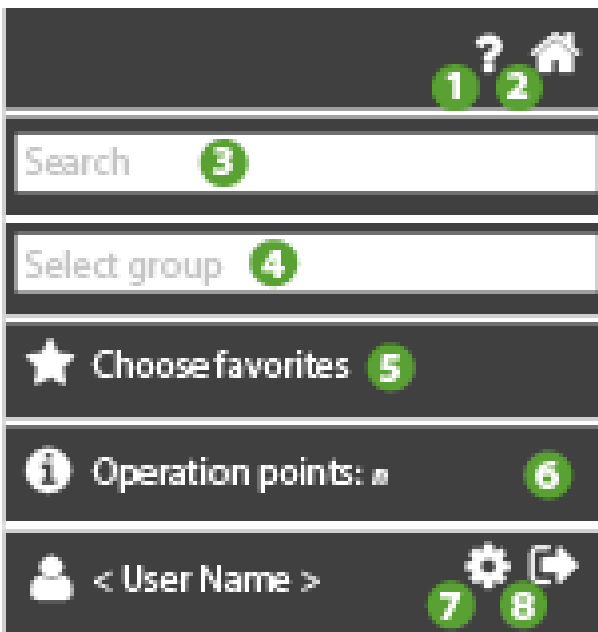
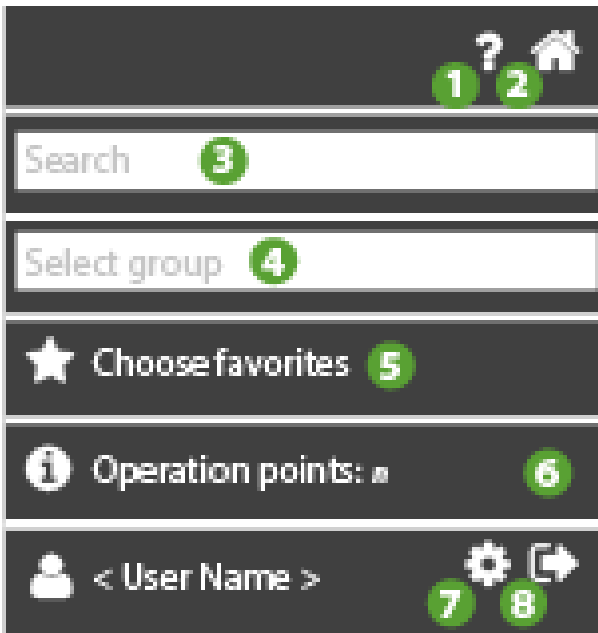
COMMANDS AND PARAMETERS


Title bar


1. : closes the screen and returns to the [Site view](#) or [Controllers](#) page.

Menu bar

This area includes: 



1. : opens the Online Help. The first screen is that of the current page.







2. : goes to the [Site list](#) page.

3. **Search**: filters the parameters by description.

4. **Select Group**: filters by parameter type.


For example, the most common parameter groups are:

- Compressor
- Defrost

- Fans
5. : Select favorites: goes to the [commands and parameters selection](#) page
 - : selected command/parameter
 - : selected command/parameter
 6. : displays information regarding the Total number of operations permitted.
 7. : goes to the [User configuration](#) page.
 8. : quits the programme. **NOTE:** If pressed, opens a pop-up window asking you to confirm.

Select one or more controllers from the [Controllers](#) page

With just one controller selected, see case A

With more than one controller selected (example)  see case B




1. controller selection
2. access to this page

Once selected, the controller/s are to be added to the favorites. See the [commands and parameters selection](#) page

Data window

case A: commands/parameters for single controller

The information includes: 

<input type="checkbox"/>	Selection of analogue input type 1 (H00)	0 <=	<= 2	<input type="text" value="new value"/>
<input type="checkbox"/>	Count interval for activation of digital input 1 (Ei1)	0 <=	<= 200	<input type="text" value="new value"/>
<input type="checkbox"/>	Alarm tripping differential (AFd)	0.1 <=	<= 15.0	<input type="text" value="new value"/>
<input type="checkbox"/>	Alarm mode (absolute and relative) probe 1 (At1)	False <=	<= True	<input type="text" value="new value"/>
<input type="checkbox"/>	Probe calibration 1 (CA1)	-999.0 <=	<= 999.0	<input type="text" value="new value"/>
<input checked="" type="radio"/>	Keyboard Unlocked (KbdUnLock)			
<input checked="" type="radio"/>	Instrument On (ROnOn)			
<input checked="" type="radio"/>	Instrument Off (ROffOff)			
<input checked="" type="radio"/>	No Link output ON (NoL_On)			
<input checked="" type="radio"/>	Keyboard Locked (KbdLock)			
<input checked="" type="radio"/>	No Link output OFF (NoL_Off)			
<input type="checkbox"/>	Selection of analogue input type 1 (H00)	0 <=	<= 2	<input type="text" value="new value"/>
<input type="checkbox"/>	Count interval for activation of digital input 1 (Ei1)	0 <=	<= 200	<input type="text" value="new value"/>
<input type="checkbox"/>	Alarm tripping differential (AFd)	0.1 <=	<= 15.0	<input type="text" value="new value"/>
<input type="checkbox"/>	Alarm mode (absolute and relative) probe 1 (At1)	False <=	<= True	<input type="text" value="new value"/>
<input type="checkbox"/>	Probe calibration 1 (CA1)	-999.0 <=	<= 999.0	<input type="text" value="new value"/>
<input checked="" type="radio"/>	Keyboard Unlocked (KbdUnLock)			
<input checked="" type="radio"/>	Instrument On (ROnOn)			
<input checked="" type="radio"/>	Instrument Off (ROffOff)			
<input checked="" type="radio"/>	No Link output ON (NoL_On)			
<input checked="" type="radio"/>	Keyboard Locked (KbdLock)			
<input checked="" type="radio"/>	No Link output OFF (NoL_Off)			

1. : controller selection box.

2. : command selection.

3. **Name** of command/parameter and label (for example, Probe Calibration (CA1))

4. Permitted range: (example 0...2, -999.0....999.0),

5. value (if read) and

6. Unit of Measure

7. **New value:** editable field in which to enter the parameter value.


(NOTE. Commands do not have values)

case B: commands/parameters for multiple controllers

In contrast to the case with just a single controller, there will be heading of the type:


Multiple operations on **n** controllers: FAA:dEA <Controller name>, ... , FAA:dEA <Controller name> ,

Read operation only on FAA:dEA <Controller name>.

The information includes: 

<input type="checkbox"/>	Selection of analogue input type 1 (H00)	0 <=	<= 2	<input type="text" value="new value"/>
<input type="checkbox"/>	Count interval for activation of digital input 1 (Ei1)	0 <=	<= 200	<input type="text" value="new value"/>
<input type="checkbox"/>	Alarm tripping differential (AFd)	0.1 <=	<= 15.0	<input type="text" value="new value"/>
<input type="checkbox"/>	Alarm mode (absolute and relative) probe 1 (At1)	False <=	<= True	<input type="text" value="new value"/>
<input type="checkbox"/>	Probe calibration 1 (CA1)	-999.0 <=	<= 999.0	<input type="text" value="new value"/>
<input checked="" type="radio"/>	Keyboard Unlocked (KbdUnLock)			
<input checked="" type="radio"/>	Instrument On (ROnOn)			
<input checked="" type="radio"/>	Instrument Off (ROffOff)			
<input checked="" type="radio"/>	No Link output ON (NoL_On)			
<input checked="" type="radio"/>	Keyboard Locked (KbdLock)			
<input checked="" type="radio"/>	No Link output OFF (NoL_Off)			
<input type="checkbox"/>	Selection of analogue input type 1 (H00)	0 <=	<= 2	<input type="text" value="new value"/>
<input type="checkbox"/>	Count interval for activation of digital input 1 (Ei1)	0 <=	<= 200	<input type="text" value="new value"/>
<input type="checkbox"/>	Alarm tripping differential (AFd)	0.1 <=	<= 15.0	<input type="text" value="new value"/>
<input type="checkbox"/>	Alarm mode (absolute and relative) probe 1 (At1)	False <=	<= True	<input type="text" value="new value"/>
<input type="checkbox"/>	Probe calibration 1 (CA1)	-999.0 <=	<= 999.0	<input type="text" value="new value"/>
<input checked="" type="radio"/>	Keyboard Unlocked (KbdUnLock)			
<input checked="" type="radio"/>	Instrument On (ROnOn)			
<input checked="" type="radio"/>	Instrument Off (ROffOff)			
<input checked="" type="radio"/>	No Link output ON (NoL_On)			
<input checked="" type="radio"/>	Keyboard Locked (KbdLock)			
<input checked="" type="radio"/>	No Link output OFF (NoL_Off)			

1. : controller selection box.

2. : command selection.
3. **Name** of command/parameter and label (for example, Probe Calibration (CA1))
4. Permitted range: (example 0...2, -999.0....999.0),
5. value (if read) and
6. Unit of Measure
7. **New value**: editable field in which to enter the parameter value.
(**NOTE**. Commands do not have values)

Execution of Commands

See [Commands and parameters configuration](#):



Parameter Reading and Writing

See [Commands and parameters configuration](#):

Operations Counter


1. Generic user and Simple Delegate: the operations are counted on the single gateway.
2. Enterprise: the operations available correspond to the sum of the packets of operations acquired from the owner.

Contextual Controls

1.  Reading parameter/s
2.  Writing parameter/s

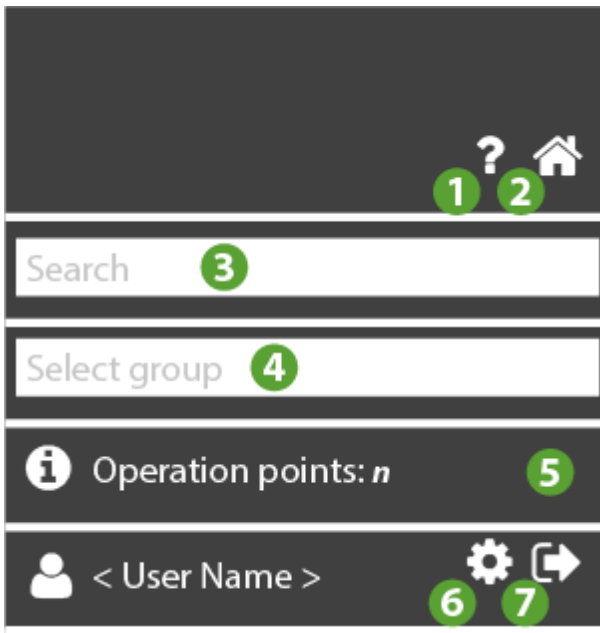
Commands and parameters favorites selection


Title bar


1. : closes the screen and returns to the previous page [Commands and parameters](#)

Menu bar

This area includes: 



1. : opens the Online Help. The first screen is that of the current page.

2. : goes to the [Site list](#) page.




3. **Search**: filters the parameters by description.

4. **Select Group**: filters by parameter type.

For example, the most common parameter groups are:

- Compressor
- Defrost


- Fans

5.  : displays information regarding the Total number of operations permitted.
6.  : goes to the [User configuration](#) page.
7.  : quits the programme. **NOTE:** If pressed, opens a pop-up window asking you to confirm.

Data window

Select one or more controllers from the [Controllers](#) page

With just one controller selected, see case A


With more than one controller selected (example)  see case B

<input checked="" type="checkbox"/>	00:05	IDPlus 961	<input type="checkbox"/>	ON	00:05 IDPlus 961		
<input type="checkbox"/>	00:06	IDPlus 961	<input type="checkbox"/>	ON	00:06 IDPlus 961		
<input checked="" type="checkbox"/>	00:07	IDPlus 971	<input type="checkbox"/>	ON	00:07 IDPlus 971		
<input type="checkbox"/>	00:08	IDPlus 971	<input type="checkbox"/>	ON	00:08 IDPlus 971		
<input checked="" type="checkbox"/>	00:09	IDPlus 974	<input type="checkbox"/>	ON	00:09 IDPlus 974		



































<input checked="" type="checkbox"/>	00:05	IDPlus 961	<input type="checkbox"/>	ON	00:05 IDPlus 961		
<input type="checkbox"/>	00:06	IDPlus 961	<input type="checkbox"/>	ON	00:06 IDPlus 961		
<input checked="" type="checkbox"/>	00:07	IDPlus 971	<input type="checkbox"/>	ON	00:07 IDPlus 971		
<input type="checkbox"/>	00:08	IDPlus 971	<input type="checkbox"/>	ON	00:08 IDPlus 971		
<input checked="" type="checkbox"/>	00:09	IDPlus 974	<input type="checkbox"/>	ON	00:09 IDPlus 974		

1. controller selection
2. access to the page [Commands and parameters](#)




case A: commands/parameters for single controller

The information includes (example): 

Online Help TelevisBlue

  Keyboard Locked
  Keyboard Unlocked
  No Link output OFF
  No Link output ON
  Instrument Off
  Instrument On
 Alarm tripping differential (AFd)
 Alarm mode (absolute and relative) probe 1 (At1)
 Probe calibration 1 (CA1)
 Count interval for activation of digital input 1 (Ei1)
 Selection of analogue input type 1 (H00)
  Keyboard Locked
  Keyboard Unlocked
  No Link output OFF
  No Link output ON
  Instrument Off
  Instrument On
 Alarm tripping differential (AFd)
 Alarm mode (absolute and relative) probe 1 (At1)
 Probe calibration 1 (CA1)
 Count interval for activation of digital input 1 (Ei1)
 Selection of analogue input type 1 (H00)

Note. Displays the complete list of commands and parameters in the application. The image shows a sub-group.

1. : Select the favorite command/parameter:
 - : deselected command/parameter (default)
 - : selected command/parameter

2. : indicates a command.

3. **Name** of command/parameter and label (e.g., Probe Calibration 1 (CA1))


case B: commands/parameters for multiple controllers

In contrast to the case with just a single controller, there will be heading of the type:

Setting favorites for **n** controllers: FAA:dEA <Controller name>, ... , FAA:dEA <Controller name>,</p></div>





Where:

- n: number of selected controllers
- FAA:dEA: controller address (e.g. 00:05)
- Controller name: the name of the controller (e.g. IDPlus 961)

The information includes (example): 


<input type="checkbox"/>	<input checked="" type="radio"/>	Keyboard Locked
<input type="checkbox"/>	<input checked="" type="radio"/>	Keyboard Unlocked
<input type="checkbox"/>	<input checked="" type="radio"/>	No Link output OFF
<input type="checkbox"/>	<input checked="" type="radio"/>	No Link output ON
<input type="checkbox"/>	<input checked="" type="radio"/>	Instrument Off
<input type="checkbox"/>	<input checked="" type="radio"/>	Instrument On
<input type="checkbox"/>		Alarm tripping differential (AFd)
<input type="checkbox"/>		Alarm mode (absolute and relative) probe 1 (At1)
<input type="checkbox"/>		Probe calibration 1 (CA1)
<input type="checkbox"/>		Count interval for activation of digital input 1 (Ei1)
<input type="checkbox"/>		Selection of analogue input type 1 (H00)
<input type="checkbox"/>	<input checked="" type="radio"/>	Keyboard Locked
<input type="checkbox"/>	<input checked="" type="radio"/>	Keyboard Unlocked
<input type="checkbox"/>	<input checked="" type="radio"/>	No Link output OFF
<input type="checkbox"/>	<input checked="" type="radio"/>	No Link output ON
<input type="checkbox"/>	<input checked="" type="radio"/>	Instrument Off
<input type="checkbox"/>	<input checked="" type="radio"/>	Instrument On
<input type="checkbox"/>		Alarm tripping differential (AFd)
<input type="checkbox"/>		Alarm mode (absolute and relative) probe 1 (At1)
<input type="checkbox"/>		Probe calibration 1 (CA1)
<input type="checkbox"/>		Count interval for activation of digital input 1 (Ei1)
<input type="checkbox"/>		Selection of analogue input type 1 (H00)


Note. Displays the complete list of commands and parameters in the application. The image shows a sub-group.


1. : Select the favorite command/parameter:
 - : deselected command/parameter (default)
 - : selected command/parameter
2. : indicates that it is a command.
3. **Name** of command/parameter and label (e.g., Probe Calibration 1 (CA1))


Favorites selection


Select the parameters/commands that you wish to add to favorites


The information includes: 


- ★  Keyboard Locked

- ★  Keyboard Unlocked

- ★  No Link output OFF

- ★  No Link output ON

- ★  Instrument Off

- ★  Instrument On

- ★ Alarm tripping differential (AFd)


- ★ Alarm mode (absolute and relative) probe 1 (At1)


- ★ Probe calibration 1 (CA1)


- ☆ Count interval for activation of digital input 1 (Ei1)


- ★ Selection of analogue input type 1 (H00)


Online Help TelevisBlue


- ★  Keyboard Locked

- ★  Keyboard Unlocked

- ★  No Link output OFF

- ★  No Link output ON

- ★  Instrument Off

- ★  Instrument On

- ★ Alarm tripping differential (AFd)

- ★ Alarm mode (absolute and relative) probe 1 (At1)

- ★ Probe calibration 1 (CA1)

- ☆ Count interval for activation of digital input 1 (Ei1)

- ★ Selection of analogue input type 1 (H00)


Note. In the example, all 6 of the available commands and 4 parameters have been selected (10 in total)


View favorites


After quitting and re-entering, the selected commands/parameters are displayed at the top of the list:


- A. first the commands
- B. then the parameters


The information includes: 


- ★  Keyboard Locked

- ★  Keyboard Unlocked

- ★  No Link output OFF

- ★  No Link output ON

- ★  Instrument Off

- ★  Instrument On

- ★ Alarm tripping differential (AFd)

- ★ Alarm mode (absolute and relative) probe 1 (At1)


- ★ Probe calibration 1 (CA1)

- ★ Selection of analogue input type 1 (H00)

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★	🔊 Keyboard Locked
★	🔊 Keyboard Unlocked
★	🔊 No Link output OFF
★	🔊 No Link output ON
★	🔊 Instrument Off
★	🔊 Instrument On
★	Alarm tripping differential (AFd)
★	Alarm mode (absolute and relative) probe 1 (At1)
★	Probe calibration 1 (CA1)
★	Selection of analogue input type 1 (H00)

Contextual Controls

To add to favorites, close the screen page 

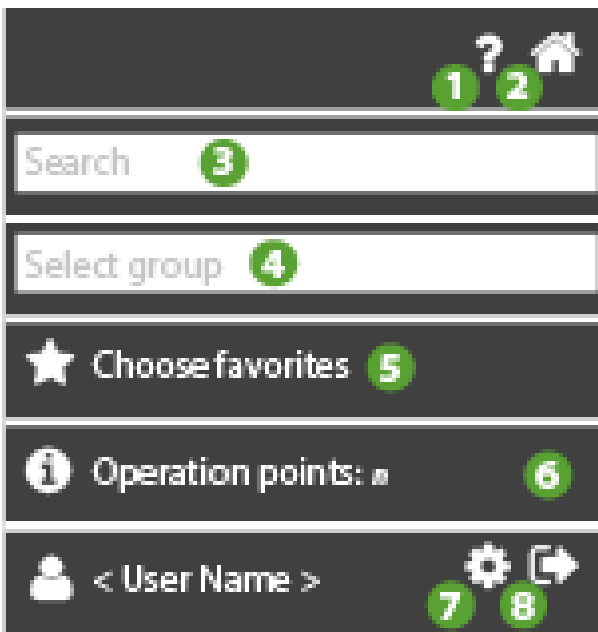
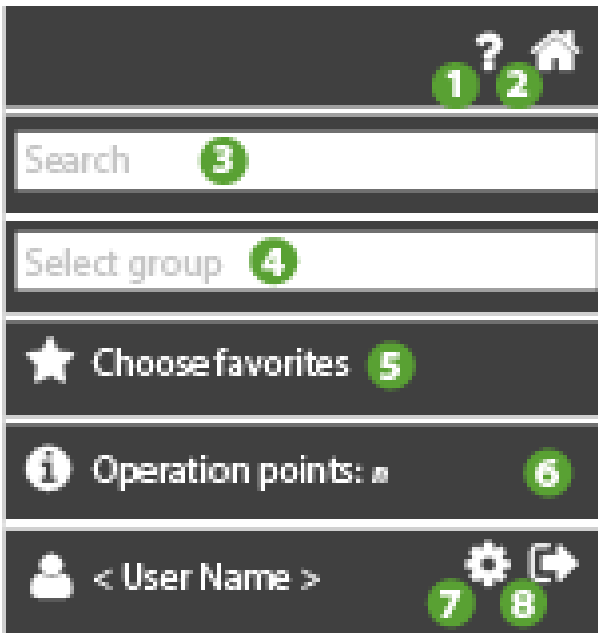
COMMANDS AND PARAMETERS CONFIGURATION


Title bar


1. : closes the screen and returns to the [Site view](#) or [Controllers](#) page.

Menu bar

This area includes: 



1. : opens the Online Help. The first screen is that of the current page.

2. : goes to the [Site list](#) page.







3. **Search**: filters the parameters by description.

4. **Select Group**: filters by parameter type.

For example, the most common parameter groups are:

- Compressor
- Defrost

- Fans

5. : Select favorites: goes to the [commands and parameters selection](#) page
4.
 - : selected command/parameter
 - : selected command/parameter
5. : displays information regarding the Total number of operations permitted.
6. : goes to the [User configuration](#) page.
7. : quits the programme. **NOTE:** If pressed, opens a pop-up window asking you to confirm.

Data window

case A: commands/parameters for single controller

The information includes: 

<input checked="" type="checkbox"/>	1 Selection of analogue input type 1 (H00)	0 <=	5 <= 2	6	7 new value
<input checked="" type="checkbox"/>	Alarm tripping differential (AFd)	0.1 <=	<= 15.0	°C	new value
<input checked="" type="checkbox"/>	Alarm mode (absolute and relative) probe 1 (At1)	False <=	<= True		new value
<input checked="" type="checkbox"/>	Probe calibration 1 (CA1)	-999.0 <=	<= 999.0	°C	new value
<input type="checkbox"/>	2 Keyboard Unlocked (KbdUnLock)				
<input type="checkbox"/>	Instrument On (ROnOn)				
<input type="checkbox"/>	Instrument Off (ROffOff)				
<input type="checkbox"/>	No Link output ON (NoL_On)				
<input type="checkbox"/>	Keyboard Locked (KbdLock)				
<input type="checkbox"/>	No Link output OFF (NoL_Off)				

<input checked="" type="checkbox"/>	Selection of analogue input type 1 (H00)	0 <=	<= 2	new value
<input checked="" type="checkbox"/>	Alarm tripping differential (AFd)	0.1 <=	<= 15.0	*C new value
<input checked="" type="checkbox"/>	Alarm mode (absolute and relative) probe 1 (At1)	False <=	<= True	new value
<input checked="" type="checkbox"/>	Probe calibration 1 (CA1)	-999.0 <=	<= 999.0	*C new value
<input type="radio"/>	Keyboard Unlocked (KbdUnLock)			
<input type="radio"/>	Instrument On (ROnOn)			
<input type="radio"/>	Instrument Off (ROffOff)			
<input type="radio"/>	No Link output ON (NoL_On)			
<input type="radio"/>	Keyboard Locked (KbdLock)			
<input type="radio"/>	No Link output OFF (NoL_Off)			

- : controller selection box.
- : command selection.
- Name** of command/parameter and label (for example, Probe Calibration (CA1))
- Permitted range: (example 0...2, -999.0....999.0),
- value (if read) and
- Unit of Measure
- New value:** editable field in which to enter the parameter value.
(**NOTE.** Commands do not have values)


Commands

On execution of the command, pressing displays a message indicating the expenditure of 1 operation point


- The following screen appears:

Operation

This operation will consume 1 of your 1500 operation points. Do you want to continue?

1. **OK**: executes the command: the icon  will be replaced by a notification that the command has or has not been executed correctly:

- green: the command was executed successfully
- orange: not all of the operations of the command were executed
- red: command failed

(NOTE. on re-selecting the command, the original execution icon  will reappear

2. **Cancel**: command not executed

Parameters

Reading parameters


On execution of the parameter reading operation, pressing  displays a message

- indicating the expenditure of 1 operation point
1. The following screen appears:


Operation

This operation will consume 1 of your 1500 operation points. Do you want to continue?







1. **OK**: executes the command: the icon (box)  will be replaced by a notification that the command has or has not been executed correctly:





- green: the reading operation was successful.
- orange: some of the operations of the command were not executed
- red: operation failed

(NOTE. on re-selecting the command, the original icon (box)  will reappear


2. **Cancel:** reading not executed



Once the parameters have been read, the following information will be displayed: 




00:01 TelevisIn						
 A	Selection of analogue input type 1 (H00)	0 <=	0	<= 2	num	<input type="text" value="new value"/>
	Alarm tripping differential (AFd)	0.1 <=	2.0	<= 15.0	°C	<input type="text" value="new value"/>
	Alarm mode (absolute and relative) probe 1 (At1)	False <=	False	<= True	flag	<input type="text" value="new value"/>
	Probe calibration 1 (CA1)	-999.0 <=	0.0	<= 999.0	°C	<input type="text" value="new value"/>

00:01 TelevisIn						
 A	Selection of analogue input type 1 (H00)	0 <=	0	<= 2	num	<input type="text" value="new value"/>
	Alarm tripping differential (AFd)	0.1 <=	2.0	<= 15.0	°C	<input type="text" value="new value"/>
	Alarm mode (absolute and relative) probe 1 (At1)	False <=	False	<= True	flag	<input type="text" value="new value"/>
	Probe calibration 1 (CA1)	-999.0 <=	0.0	<= 999.0	°C	<input type="text" value="new value"/>

- A. green: the reading operation was successful.
- B. parameter default value
- C. Unit of Measure (UM) of the parameter


In the event that the reading operation failed, the notification will be red: 

	Selection of analogue input type 1 (H00)	0 <=	-	<= 2		<input type="text" value="new value"/>
	Alarm tripping differential (AFd)	0.1 <=	-	<= 15.0	°C	<input type="text" value="new value"/>
	Alarm mode (absolute and relative) probe 1 (At1)	False <=	-	<= True		<input type="text" value="new value"/>
	Probe calibration 1 (CA1)	-999.0 <=	-	<= 999.0	°C	<input type="text" value="new value"/>

	Selection of analogue input type 1 (H00)	0 <=	-	<= 2		<input type="text" value="new value"/>
	Alarm tripping differential (AFd)	0.1 <=	-	<= 15.0	°C	<input type="text" value="new value"/>
	Alarm mode (absolute and relative) probe 1 (At1)	False <=	-	<= True		<input type="text" value="new value"/>
	Probe calibration 1 (CA1)	-999.0 <=	-	<= 999.0	°C	<input type="text" value="new value"/>


Note. In this case no default value or parameter UM will be displayed

Writing of parameters

On execution of the parameter reading operation, pressing  displays a message

- indicating the expenditure of 1 operation point
- warning that the writing operation may exceed or change the preset limits

NOTE. If the field **New value** is not completed, a message will be displayed prompting you to enter the new value for the selected parameter.

Enter the values you wish to write: 

<input checked="" type="checkbox"/>	Selection of analogue input type 1 (H00)	0 <=	0	<= 2	num	<input type="text" value="1"/>
<input checked="" type="checkbox"/>	Alarm tripping differential (AFd)	0.1 <=	2.0	<= 15.0	°C	<input type="text" value="1.0"/>
<input checked="" type="checkbox"/>	Alarm mode (absolute and relative) probe 1 (At1)	False <=	False	<= True	flag	<input type="text" value="True"/>
<input checked="" type="checkbox"/>	Probe calibration 1 (CA1)	-999.0 <=	0.0	<= 999.0	°C	<input type="text" value="2.0"/>

<input checked="" type="checkbox"/>	Selection of analogue input type 1 (H00)	0 <=	0	<= 2	num	<input type="text" value="1"/>
<input checked="" type="checkbox"/>	Alarm tripping differential (AFd)	0.1 <=	2.0	<= 15.0	°C	<input type="text" value="1.0"/>
<input checked="" type="checkbox"/>	Alarm mode (absolute and relative) probe 1 (At1)	False <=	False	<= True	flag	<input type="text" value="True"/>
<input checked="" type="checkbox"/>	Probe calibration 1 (CA1)	-999.0 <=	0.0	<= 999.0	°C	<input type="text" value="2.0"/>

A. The parameter selection box must be ticked


B. The new value field must be completed

1. The following screen will be displayed (for example, 1500 available operations):


Operation

This operation will consume 1 of your 1500 operation points. Do you want to continue?


WARNING: Written values can exceed or change the limits of the existing parameters. Ensure correctness before proceeding.

1. **OK:** executes the command: the icon (box)  will be replaced by a notification that the command has or has not been executed correctly:

- green: the writing operation was successful
- orange: some of the operations of the command were not executed
- red: operation failed

(NOTE. on re-selecting the command, the original icon (box)  will reappear

2. **Cancel:** writing operation not executed


On successful completion of the operation, the newly modified values will be displayed in the default column: 

<input checked="" type="checkbox"/>	Selection of analogue input type 1 (H00)	0 <=	0	<= 2	num	1
<input checked="" type="checkbox"/>	Alarm tripping differential (AFd)	0.1 <=	2.0	<= 15.0	°C	1.0
<input checked="" type="checkbox"/>	Alarm mode (absolute and relative) probe 1 (At1)	False <=	False	<= True	flag	True
<input checked="" type="checkbox"/>	Probe calibration 1 (CA1)	-999.0 <=	0.0	<= 999.0	°C	2.0

<input checked="" type="checkbox"/>	Selection of analogue input type 1 (H00)	0 <=	1	<= 2	num	1
<input checked="" type="checkbox"/>	Alarm tripping differential (AFd)	0.1 <=	1.0	<= 15.0	°C	1.0
<input checked="" type="checkbox"/>	Alarm mode (absolute and relative) probe 1 (At1)	False <=	True	<= True	flag	True
<input checked="" type="checkbox"/>	Probe calibration 1 (CA1)	-999.0 <=	2.0	<= 999.0	°C	2.0

- A. the writing operation was successful
- B. new default value
- C. new value written

case B: commands/parameters for multiple controllers

The information includes: 

<input checked="" type="checkbox"/>	Selection of analogue input type 1 (H00)	0 <=		<= 2		new value
<input checked="" type="checkbox"/>	Alarm tripping differential (AFd)	0.1 <=		<= 15.0	°C	new value
<input checked="" type="checkbox"/>	Alarm mode (absolute and relative) probe 1 (At1)	False <=		<= True		new value
<input checked="" type="checkbox"/>	Probe calibration 1 (CA1)	-999.0 <=		<= 999.0	°C	new value
<input type="checkbox"/>	Keyboard Unlocked (KbdUnLock)					
<input type="checkbox"/>	Instrument On (ROnOn)					
<input type="checkbox"/>	Instrument Off (ROffOff)					
<input type="checkbox"/>	No Link output ON (NoL_On)					
<input type="checkbox"/>	Keyboard Locked (KbdLock)					
<input type="checkbox"/>	No Link output OFF (NoL_Off)					

In contrast to the case with just a single controller, there will be heading of the type:



Multiple operations on **n** controllers: FAA:dEA <Controller name>, ... , FAA:dEA <Controller name> ,

Read operation only on FAA:dEA <Controller name>.



Where:

- n: number of selected controllers
- FAA:dEA: controller address (e.g. 00:05)
- Controller name: the name of the controller (e.g. IDPlus 961)

<input checked="" type="checkbox"/>	1	Selection of analogue input type 1 (H00)	0	4	<=	2	5	<=	6	new value	7
<input checked="" type="checkbox"/>		Alarm tripping differential (AFd)	0.1		<=	15.0		<=	°C	new value	
<input checked="" type="checkbox"/>		Alarm mode (absolute and relative) probe 1 (At1)	False		<=	True		<=		new value	
<input checked="" type="checkbox"/>		Probe calibration 1 (CA1)	-999.0		<=	999.0		<=	°C	new value	
<input type="radio"/>	2	Keyboard Unlocked (KbdUnLock)									
<input type="radio"/>		Instrument On (ROnOn)									
<input type="radio"/>		Instrument Off (ROffOff)									
<input type="radio"/>		No Link output ON (NoL_On)									
<input type="radio"/>		Keyboard Locked (KbdLock)									
<input type="radio"/>		No Link output OFF (NoL_Off)									

1. : controller selection box.
 2. : command selection.
 3. **Name** of command/parameter and label (for example, Probe Calibration (CA1))
 4. Permitted range: (example 0...2, -999.0....999.0),
 5. value (if read) and
 6. Unit of Measure
 7. **New value:** editable field in which to enter the parameter value.
(**NOTE.** Commands do not have values)
-)

Contextual Controls

1.  Reading parameter/s
2.  Writing parameter/s

TelevisGate

GENERAL INFORMATION

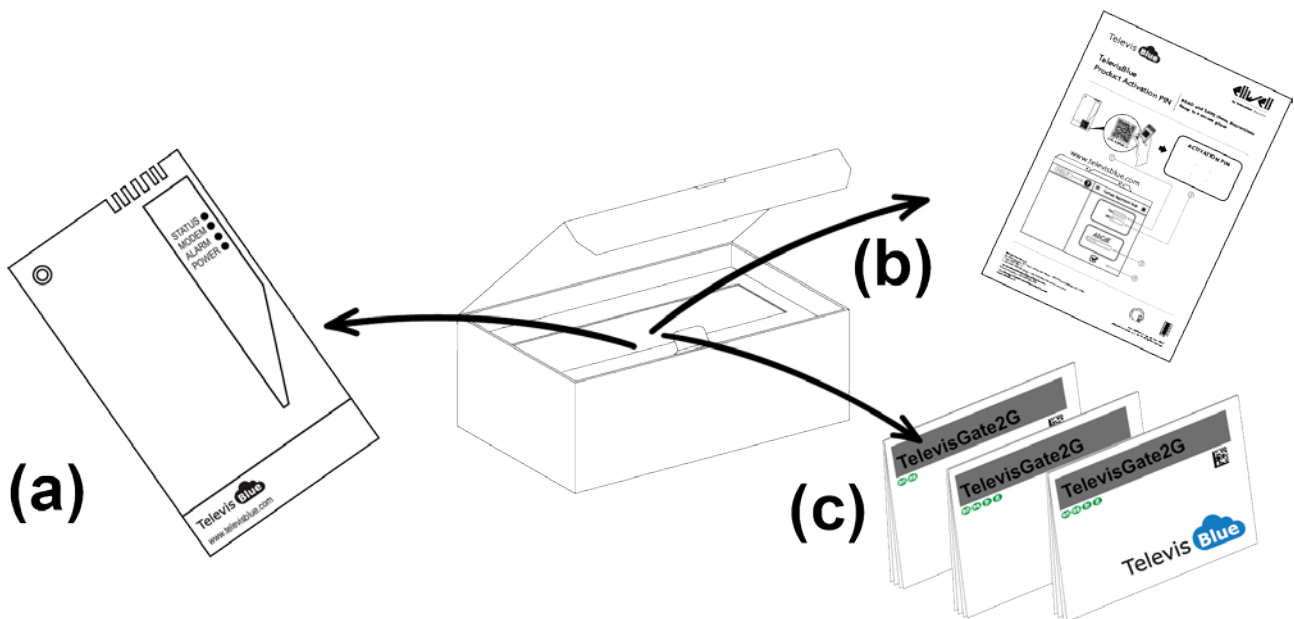
TelevisGate 2G is an interface device that connects Eliwell and third party controllers via RS485 to the Cloud application TelevisBlue

(www.televisblue.com) using the built-in GSM/GPRS Quad-Band modem (850/900/1800/1900 MHz).

TelevisGate 2G was designed to work exclusively with the pre-installed SIM cards in a defined set of countries, the list of which is available on the website

www.eliwell.com

Package content



The following can be found in the package:

- **TelevisGate 2G** device (fitted with SIM card) (a)
- License sheet and activation PIN code (b)
- Multi-language technical data sheet (c)
- KIT for wall fixing (x2)
- Cable clamp for anchoring the power cable

PIN number for Licence activation



Important!

KEEP THE ACTIVATION PIN CODE CAREFULLY

The PIN code is needed to activate the product licence

To activate the TelevisBlue licence go to www.televisblue.com/registration, use the S/N of the gateway printed on the front panel near the QR and the PIN given in the Code Activation Sheet **9IS54412** contained in the product package.

The QR Code on the TelevisGate door can be used to directly access the registration procedure from a mobile device.

Information on the use of the TelevisBlue software is available at www.televisblue.com/help or using the help button (?) directly on the TelevisBlue portal.

In registering the licences, you declare that you have read and accepted the terms and conditions, which can be consulted at www.televisblue.com/terms

The TelevisGate characteristics are given in this chapter or in the technical data sheet code **9ISK4472** contained in the product package.

BACKUP BATTERY



Important!


This device has an RTC back-up battery.

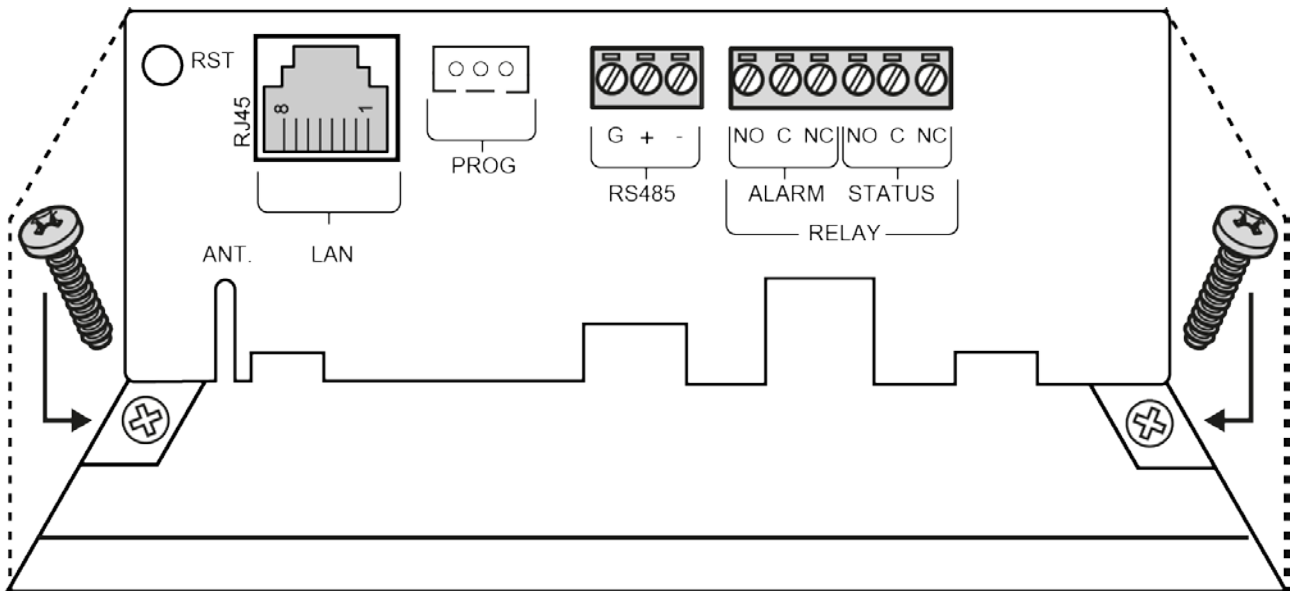
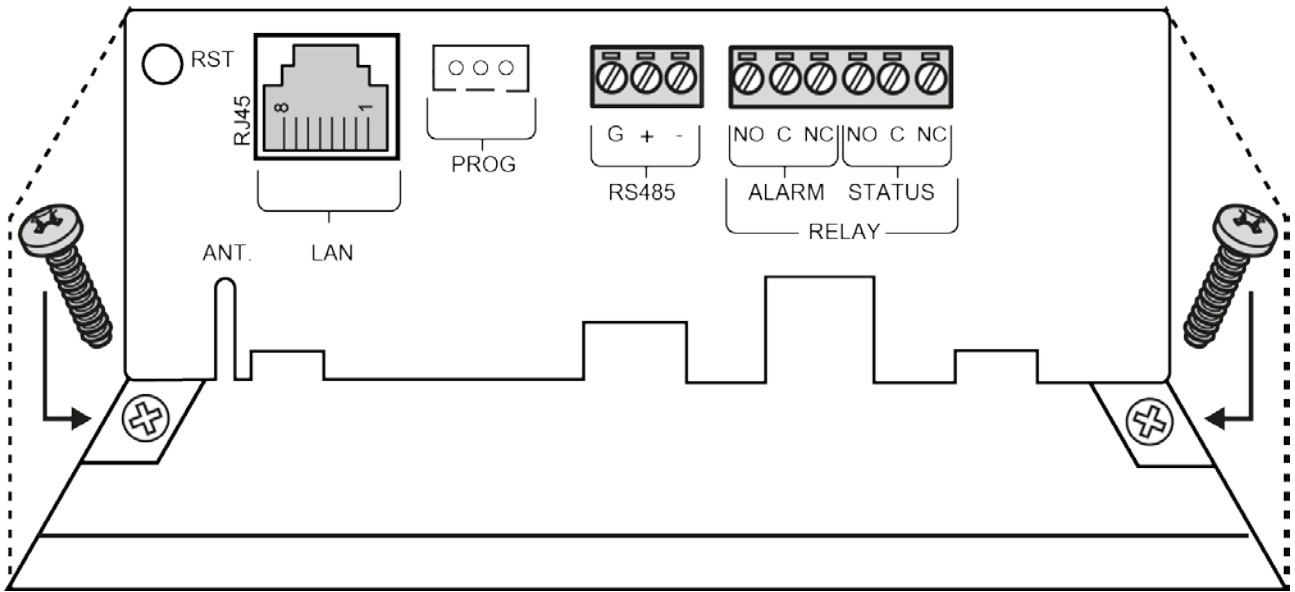
The battery may catch fire, explode or cause serious burns. Do not remove, weld, burn or throw it in water. Keep out of reach of children. The battery cannot be recharged, and must be replaced with another battery of the same model. The battery can only be replaced by qualified staff. The use of different batteries may cause a risk of fire or explosion. Batteries are deemed hazardous waste and must be disposed of in compliance with statutory regulations.


INSTALLATION

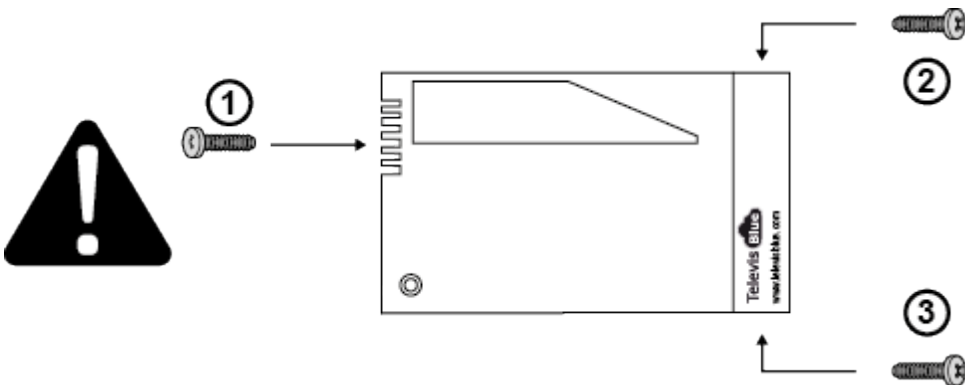
The TelevisGate 2G was designed for wall or panel-mounting.

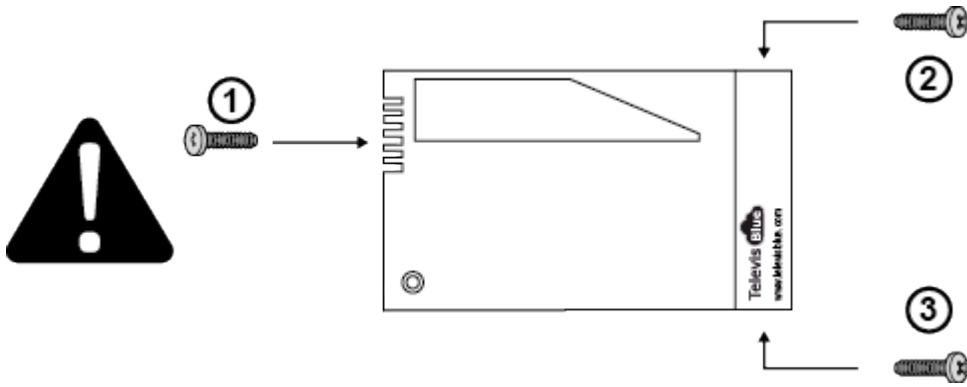
With the device switched off, remove the service door in the lower part and then remove

the 2 screws shown in 




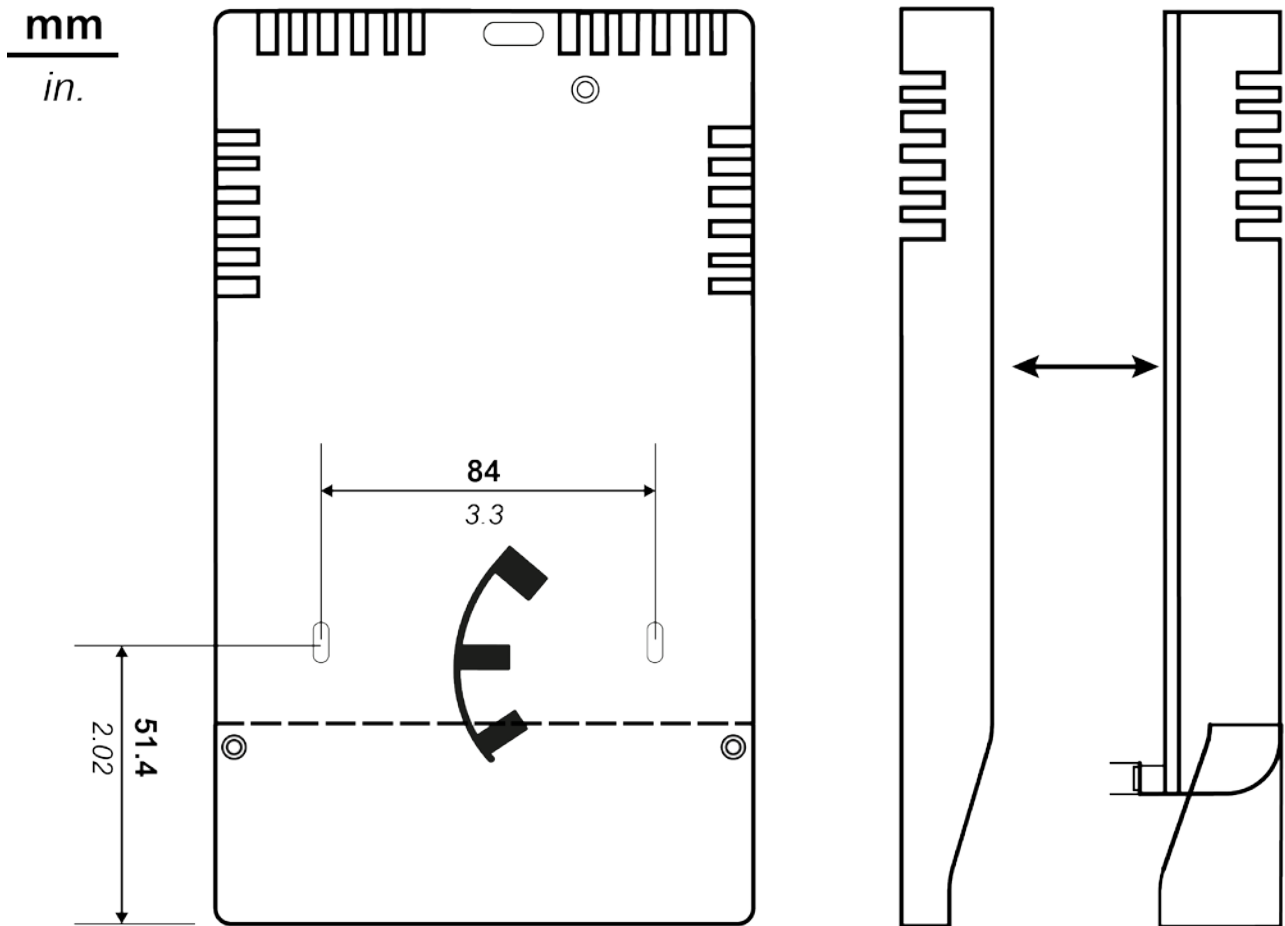
Then remove the screw on the back: 



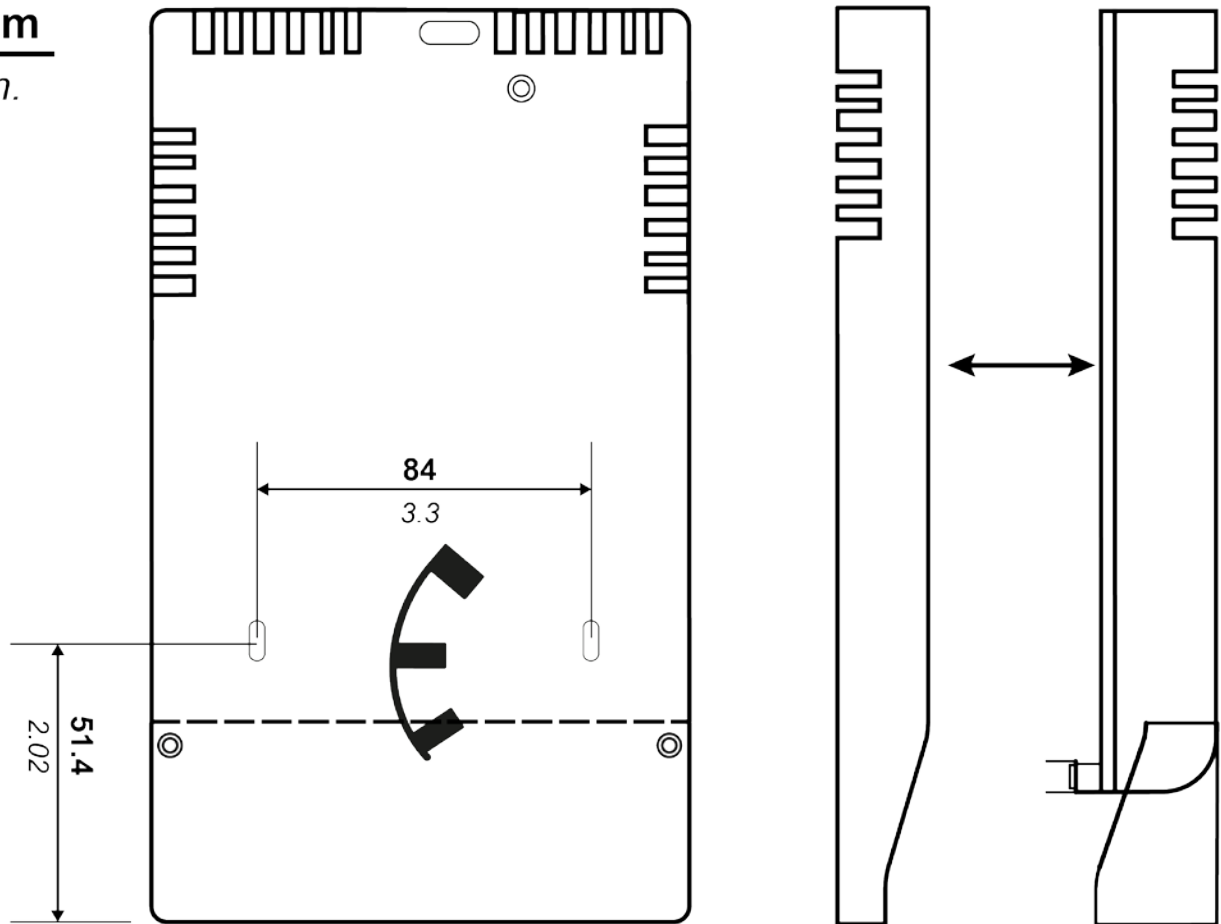


Secure the backplate of the device to the wall/panel with 3 screws+plugs S6 (supplied)


matching up the holes shown in the figure: 

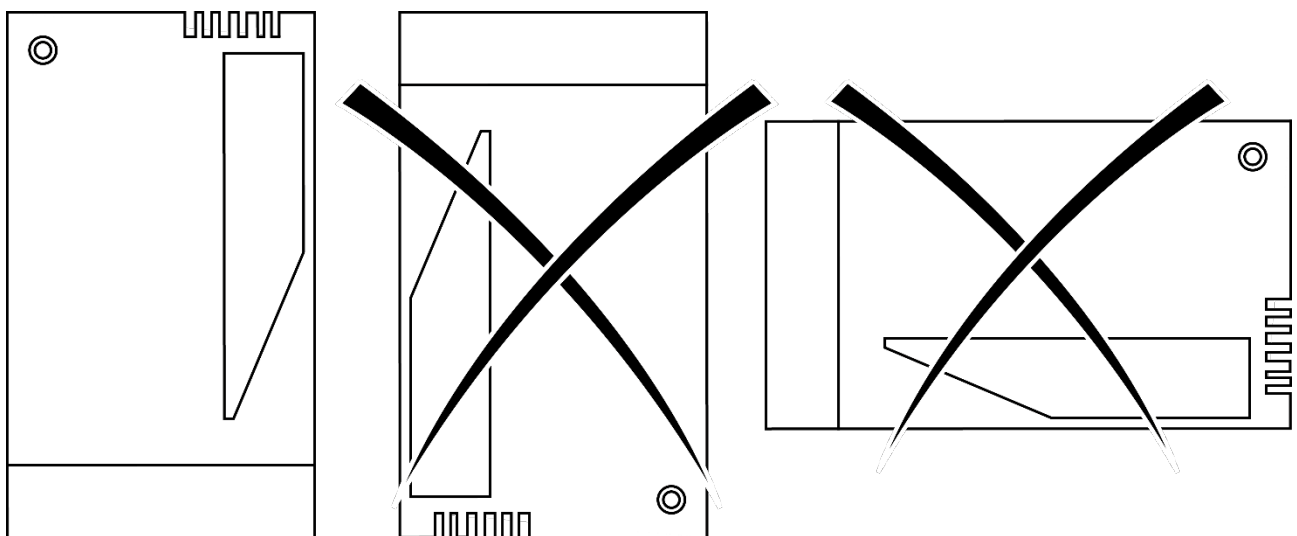


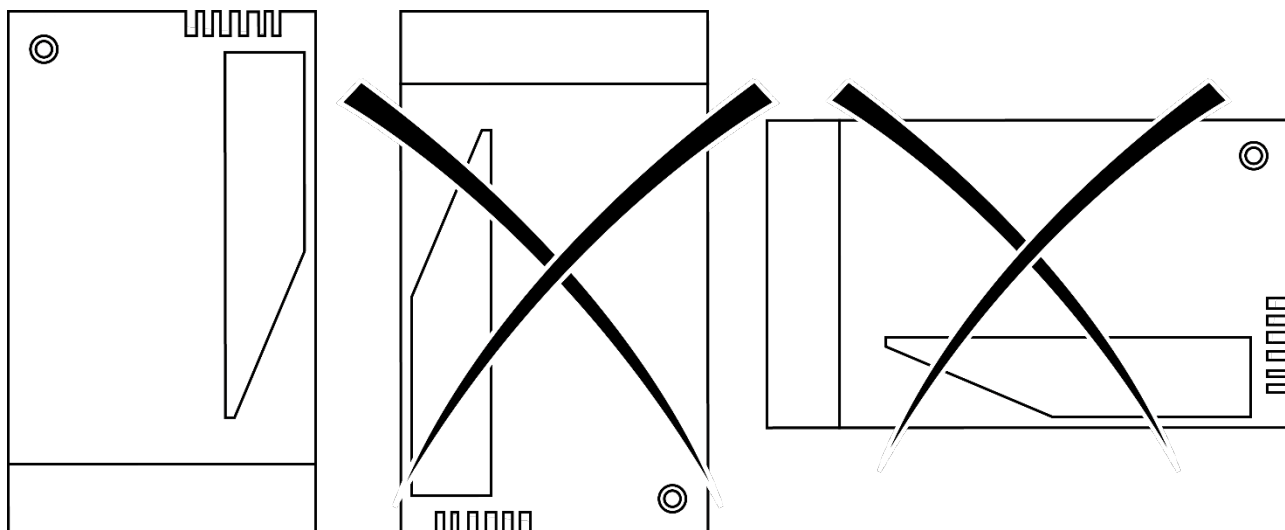
mm
in.



Then fix the cover with the 3 screws supplied and close the door:

Install the gateway vertically only as shown in the figure: 





PRECAUTIONS

To ensure the safety of the device and the operator and the correct operation of the device, comply with the following installation instructions.

The system, and the relative cables must be installed away from:

- Dust, humidity, high heat or direct exposure to sunlight.
- Heat radiating objects. These could damage the container or cause other problems.
- Objects producing strong electromagnetic fields (Hi-Fi speakers, etc.)
- Corrosive chemical substances or liquids.

Note. Before installation, carefully read the label and plate data found inside the service door.

CONNECTING TO THE NETWORK

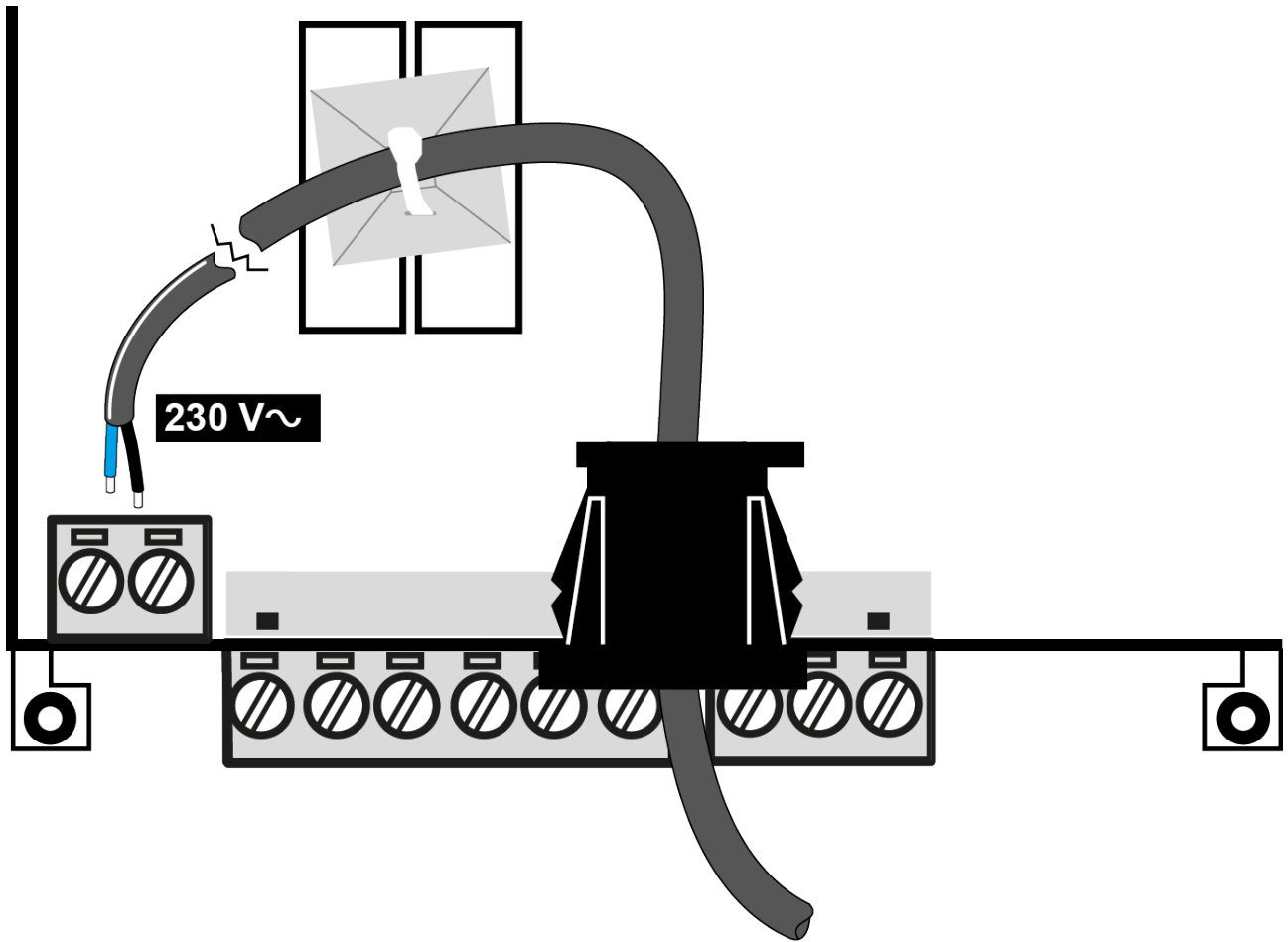
The power connector is inside the TelevisGate 2G and can be accessed only after removing the cover.

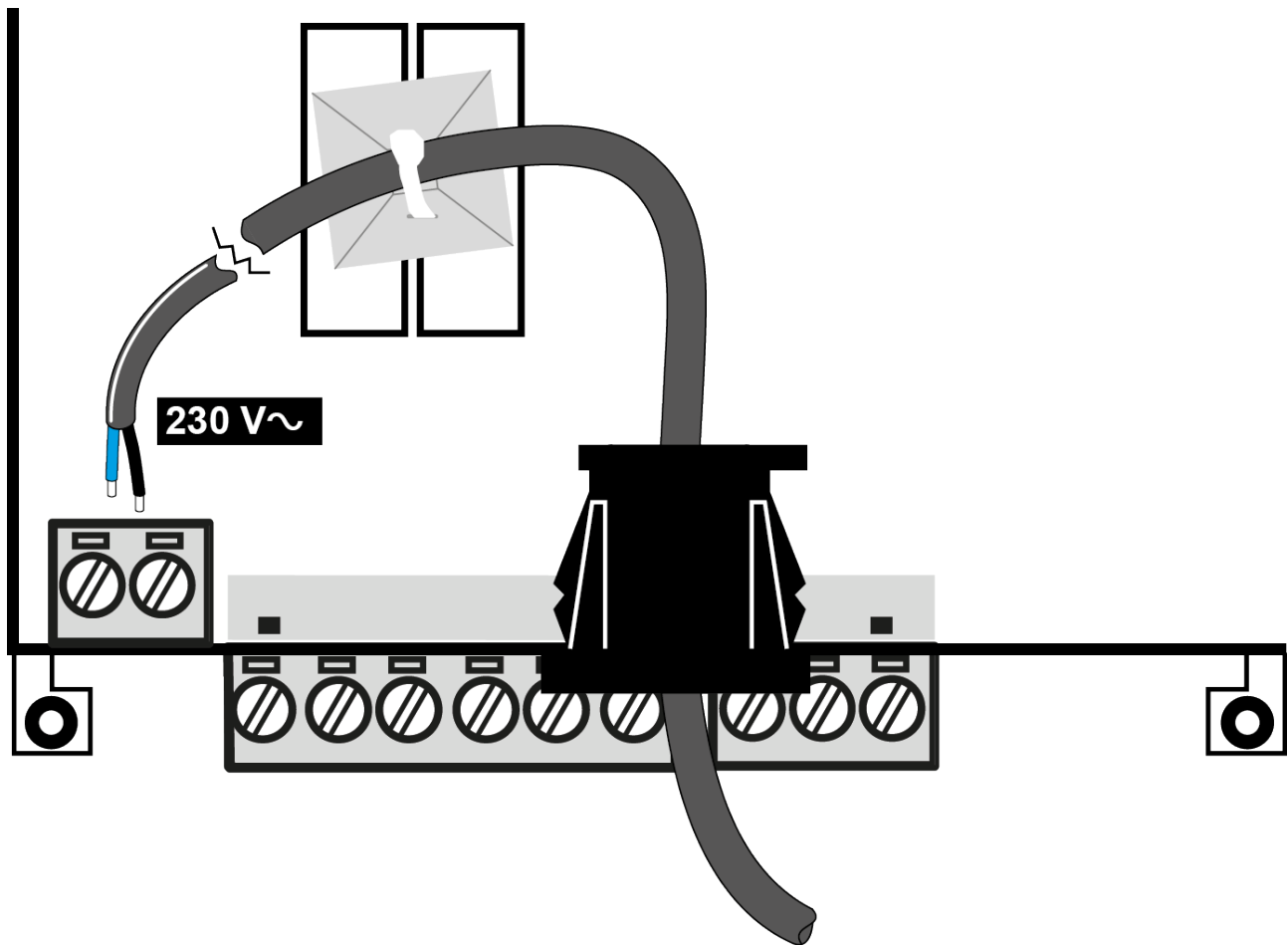
With the device switched off, remove the cover as described in the paragraph **Installation**

- Fix the power cable to the anchoring device (cable clamp) supplied:
- Insert the power cable terminal in the removable connector at 90°:

At the end secure the assembly with a tie:








The internal wiring must be positioned, supported, anchored or fixed in order to reduce the risk of:

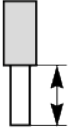
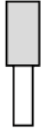


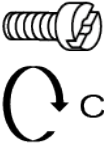
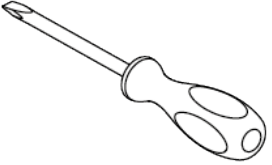
- excessive force on the wire or connections to the terminals;
- loose connections to the terminals;
- damage to the cable insulations.

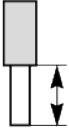
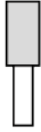


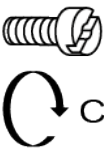
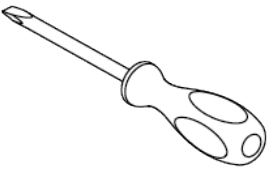
Use of a two-pole cable with double round insulating sleeve $2 \times 0.75 \text{ mm}^2$ (external diameter 5.6 mm to 7.4 mm) H03VV-F or equivalent is recommended.

Note. For maintenance, use one or more isolating devices to separate the equipment from the mains power:

- If using a wall socket, this must be easily accessible in order to switch off the power in the event of an emergency
- If the equipment is connected to an electrical panel/cabinet, there must be a differential/switch to switch off the power.

Tightening torque: .

					
7 mm 0.27 in.	1.5...2.5 mm ² 16...13 AWG			0.6 N.m 5 lb-in	0.6 x 3.5 mm 0.02 x 0.13 in

					
7 mm 0.27 in.	1.5...2.5 mm ² 16...13 AWG			0.6 N.m 5 lb-in	0.6 x 3.5 mm 0.02 x 0.13 in

CONNECTIONS IN THE DEVICE

RST.	Reset button (reset)
ANT.	Guide for external antenna (optional accessory)
NOT USED	RJ45 connector Ethernet port(1)
NOT USED	JST connector (1)
RS485	Opto-isolated RS485 port
ALARM RELAY	SPDT - NC alarm relay
STATUS RELAY	SDPT - NC status relay

(1) Use reserved for Eliwell

RS485 CONNECTION

The TelevisGate 2G and system modules must be connected using a cable with 0.5 mm² conductors.

Use a sheathed cable (e.g. Belden cable model 8762 with PVC sleeve, 2 conductors plus braiding, 20 AWG, nominal capacity between 89 pF conductors, nominal capacity between a conductor and 161 pF shielding).

There must be no more than 1.2 km between TelevisGate 2G and the last module.

Remember to insert a 120Ω, ¼W resistor between the “+” and “-” terminals of the last device in the network.

Note. The RS485 network is for domestic use (indoor applications) and must therefore not be exposed to dangerous voltages or electric discharge.

INSTALLING AN EXTERNAL ANTENNA

With the device switched off, remove the cover on the plastic container as described in Chapter 6.1. Fix the antenna to the MCX 90° connector as shown in the figure.

Feed the cable through the slot in the front panel next to the writing **ANT**.

Fix the cover back as shown in the **Installation** section

USING AN EXTERNAL ANTENNA

The product complies with the provisions and limits laid down in the laws in force when used with the built-in antenna. If an external antenna is required, use Eliwell accessories or in any case make sure not to breach or exceed the limits and restrictions set in the laws in force in the country of use.

SAFETY INFORMATION



Important!

Read the instructions and regulations described here carefully before switching on the device. Breach of these regulations may be unlawful and can lead to dangers.

For each of the situations described, refer to the relative provisions and regulations. This device is a low-power radio transceiver. When in operation, it sends and receives radio frequency energy (RF).

The device produces magnetic fields and for this reason must be kept away from magnetic supports such as disks, tapes, etc.

The operation of the device near electric and electronic devices such as radios, telephones, televisions and computers may cause interference.

INTERFERENCE

Like all wireless devices, this device is subject to interference which may affect its performance.

USE IN HOSPITALS

Switch off the device near medical equipment; in particular, it could cause interference with pacemakers and hearing aids. Pay the utmost attention when using the device in hospitals and health centres, where there may be devices in use that are sensitive to external radio frequency signals. In health centres, where expressly instructed, the device must be switched off.

USE NEAR EXPLOSIVE MATERIALS

Do not use the device in fuel stores, chemical plants or in areas where there are explosive gases or where operations are underway using explosives. Comply with the specified limitations and all regulations and provisions in force.

USE

Do not use the device in contact with the human body, do not touch the antenna unless strictly necessary. Use only approved accessories. Consult the manuals of any other devices to be connected to this device. Do not connect to incompatible devices.

RESPONSIBILITY AND RESIDUAL RISKS

Eliwell Controls srl declines any liability for damage due to:

- installation/uses other than those expressly specified and, in particular, failure to comply with the safety requirements of established standards and/or instructions specified in this document;
- use on panels that do not provide adequate protection against electric shocks, water or dust when assembled;
- use on panels allowing access to dangerous parts without having to use tools;
- tampering with and/or modification of the product;
- installation/use on panels not complying with the current standards and regulations

CONDITIONS OF USE

PERMITTED USE

For safety reasons, the device must be installed and used in accordance with the instructions provided. In particular, parts carrying dangerous voltages must not be accessible under normal conditions. The device must be adequately protected from water and dust with regard to the application, and must only be accessible using tools (with the exception of the front panel). The device is suitable for use in household refrigeration appliances and/or similar equipment and has been tested for safety aspects in accordance with the harmonized European reference standards.

PROHIBITED USE

Any use other than that expressly permitted is prohibited. The relay contacts provided are mechanical and subject to failure: any protection devices required by product standards, or suggested by good practice in view of obvious safety requirements, must be installed externally of the controller.

DISCLAIMER

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The same applies to any person or company involved in preparing and editing this document.

Eliwell Controls srl reserves the right to make changes or improvements at any time without notice.

DISPOSAL



The equipment (or product) must be subjected to separate waste collection in compliance with the local legislation on waste disposal.

COMMUNICATION

Built-in GSM/GPRS Quad-Band modem (850/900/1800/1900 MHz)

Antenna Features	
Frequency	900/1800/2100 MHz
Alarm relay	SPDT 8A max 30 VAC/DC
Nominal impedance	50 Ω
Gain	3 dBi
Connector	MCX 90 M

OUTPUT CHARACTERISTICS

The relays are used to control loads powered by a circuit isolated from the mains power from isolation no less than that between the primary and secondary circuits of a safety transformer conforming to **IEC 61558-2-6** or equivalent.

ALARM alarm relay	SPDT 8A max 30 VAC/DC
STATUS status relay	SPDT 8A max 30 VAC/DC

TECHNICAL DATA (EN 60950)

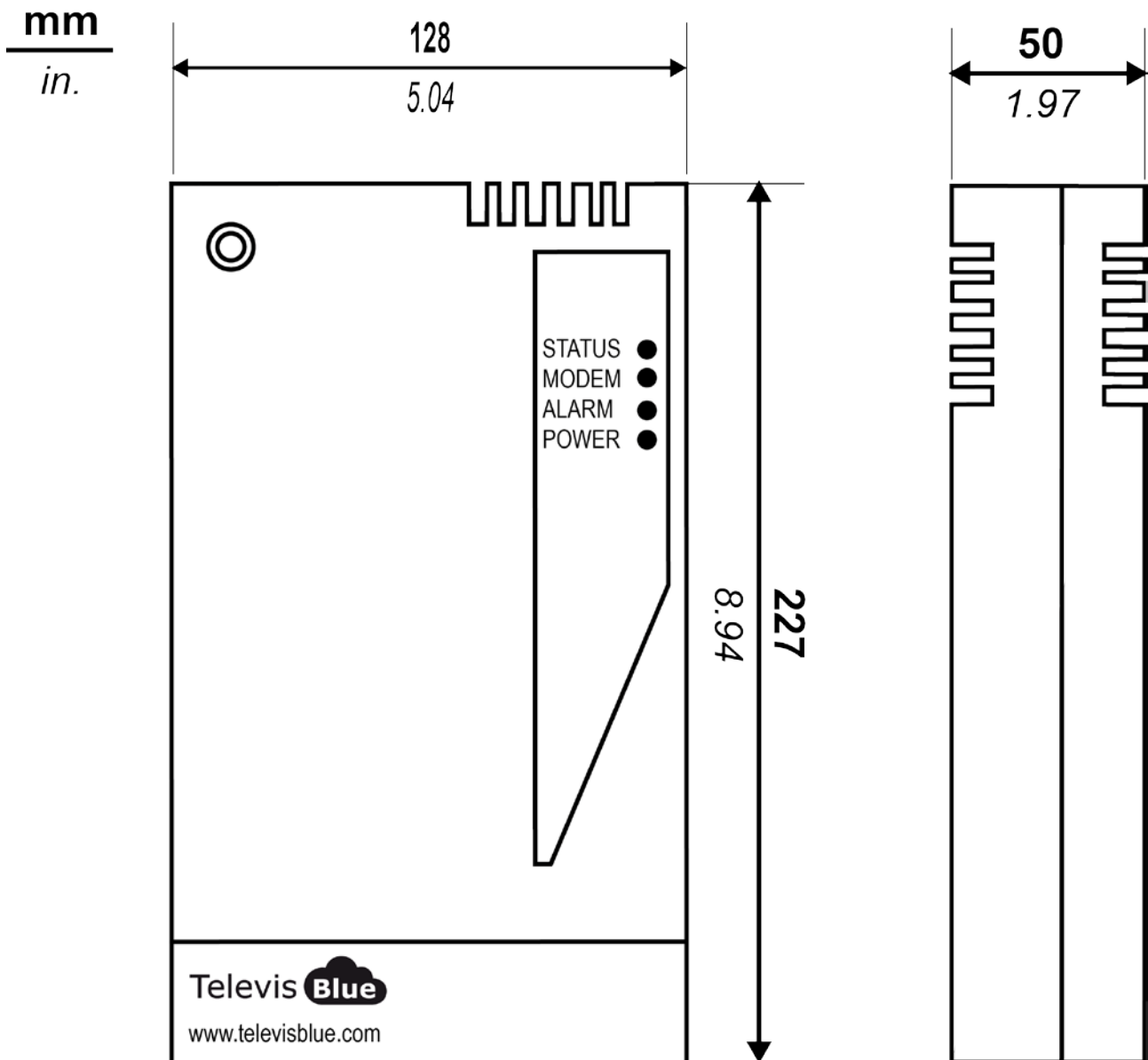
Classification	Stationary information technology (not safety) device
Installation	wall or panel mounting
Type of action	1.B
Pollution class	2 (normal)
Temperature: Use	0 ... 50°C
Temperature: Water	-20 ... 60°C
Humidity (use/storage)	10 ... 90% RH non-condensing
Power supply frequency	50/60 Hz
Maximum Consumption	40 mA
Fire resistance category	D
Software class	A
Insulation class	II

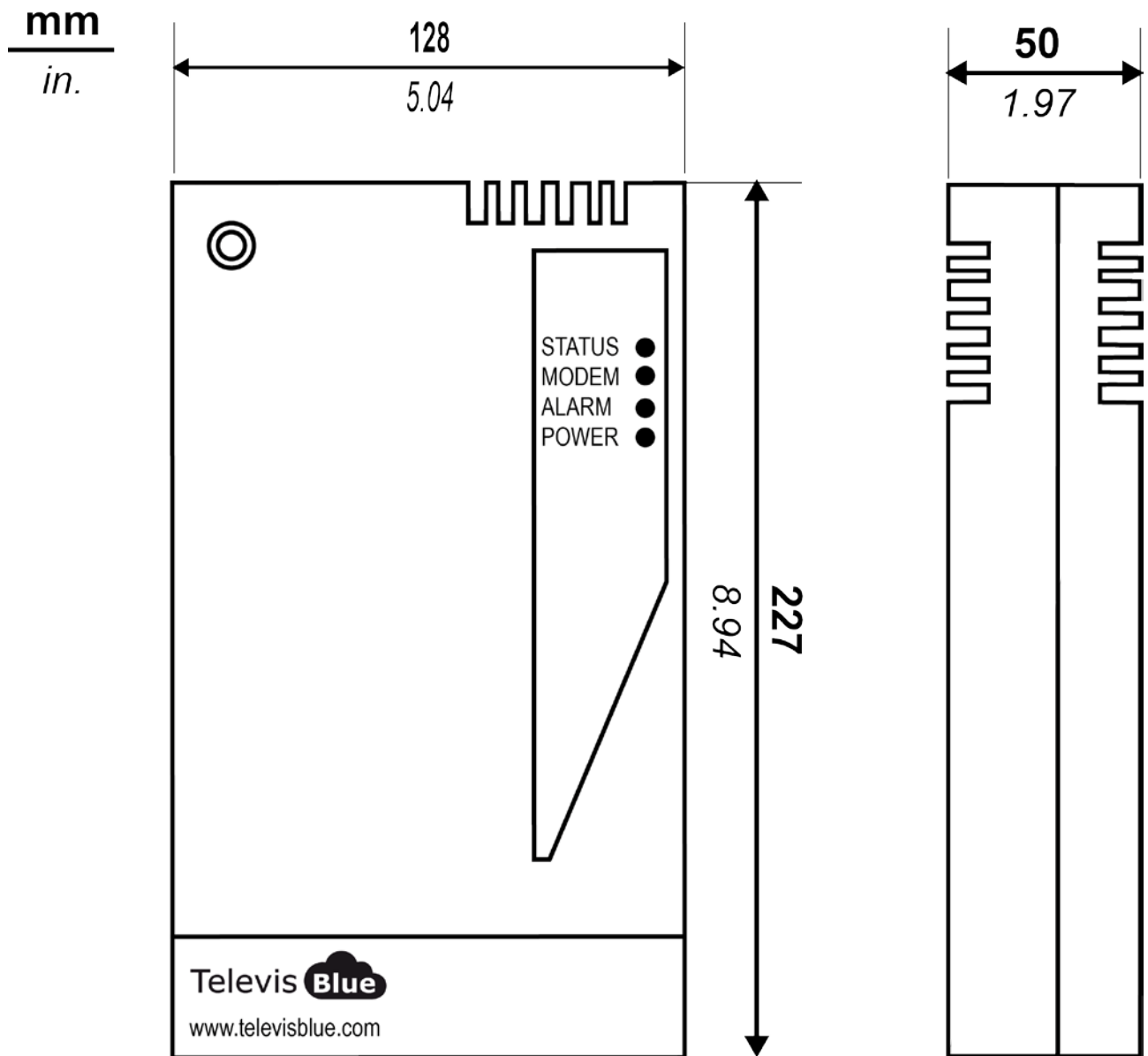
MECHANICAL CHARACTERISTICS

Dimensions	Length (L) x Depth (D) x Height (H)
Relay terminals and RS485	Removable for cables with section of up to 1.5 mm ² , screw fixing Stripping length = 7 mm

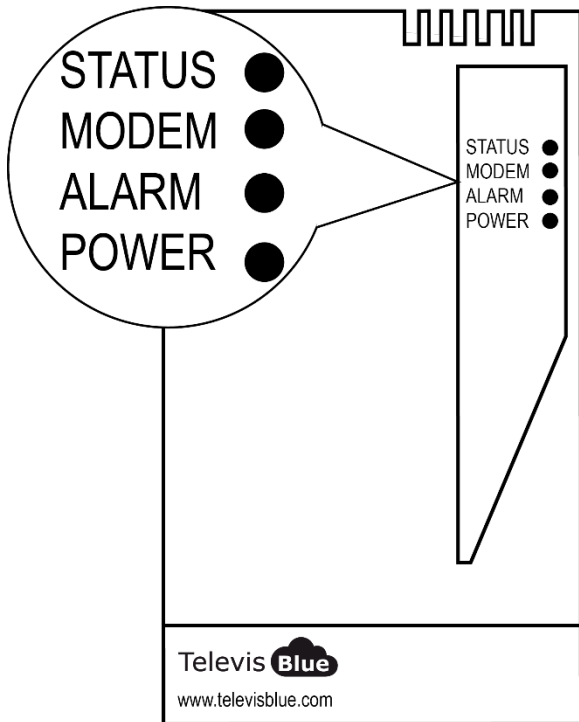
Power terminals	Removable for cables with section up to 2.5 mm ² with 90° insertion Stripping length = 7 mm
Supplementary insulating sleeve stripping length	15mm

SIZES : .





LED



LED POWER	GREEN, YELLOW
LED STATUS	GREEN, RED
LED MODEM	GREEN

LED POWER

LED POWER	LED POWER	LED LED POWER
ON	GREEN: ON	YELLOW: BOOT MODE
OFF	DEVICE OFF	DEVICE OFF

*check the mains connection

LED STATUS, MODEM, ALARM

LED STATUS	LED MODEM	LED ALARM	STATUS RELAY	ALARM RELAY	CAUSE RESOLUTION
ON RED	FAST BLINK RED	Retain Last Alarm Condition	NC	Retain Last Alarm Condition	SIM not registered / search network: Move

					TelevisGate 2G to where there is field
ON RED	SLOW BLINK RED		NC		no communication with the Cloud Service: Contact the Technical Support
ON GREEN	SLOW BLINK RED	ON RED = ALARM** ON GREEN = NO ALARM	NO	NC = ALARM** NO = NO ALARM	Line in use - Data connection on

* Retain Last Alarm Condition /

** Managing alarms: cloud analysis or controller events cloud analysis or controller events

NOTE

- Cloud analysis: alarms set on cloud (Alarm and Alert thresholds)
- Controllers events: alarms on controllers in the network which have been activated as well as the alarms set on the cloud.
- LED Status, Relay Status: Gateway (TelevisGate2G)
- LED Alarm, Relay Alarm: Application

Support

For TelevisBlue sales information, please consult the product page on the website www.eliwell.com.

For technical information and the product guide, consult the on-line manual at www.televisblue.com/help.

TelevisBlue Delegate Users should contact the **TelevisBlue License Holder** concerning the sites they require assistance for.

TelevisBlue License Holders have access to technical support at the following email address: Techsuppeliwell@schneider-electric.com.

In addition to a description of the problem in Italian or English, please provide the following information in order to ensure more effective support:

- site identification no. (S/N)
- your **TelevisBlue License Holder** contact (email) for the site
- the license model (example STARTER 5)
- the number and type of controllers connected to the network
- for problems relating to connectivity
 - position (complete address) of the website
 - list of active operators for the 2G networks real the TelevisGate gateway. (You can find this information using a mobile phone, by entering the "manual network selection" menu)

Useful numbers

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