The cloud solution for site monitoring



© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p1

Table of Contents

GETTING STARTED 9
MINIMUM REQUIREMENTS 9
MODELS 9
TELEVISBLUE LICENSE 10
RECOMMENDED HARDWARE AND SOFTWARE REQUIREMENTS 12
COMPATIBLE INSTRUMENTS 13
PRACTICAL EXAMPLES 13
2) Monitoring for a chain of restaurants 13
PAGE LAYOUT 15
ICON MEANINGS 15
REGISTRATION OF A NEW COMPANY 21
REGISTRATION OF A NEW PRIVATE USER 23
LOG-IN / CHANGE USER (Access) 24
PASSWORD RECOVERY (RESET) 25
SITE LIST 27
SITE LIST 27
ADD A NEW SITE 28
GATEWAY REPLACEMENT 29
CONFIGURATION 31
USER SETTINGS 31
Data window 32
CHANGE PASSWORD 33
Contextual Controls 34
DELEGATIONS 34
DELEGATION CONFIGURATION 36

© 2021 Eliwell - All right reserved

Title bar....36
DELEGATION NOTIFICATION....38
Data window....38
Contextual Controls....39
REFERENCE DELEGATE....39
USER VIEWS....40
Data window....41
SITE....45
SITE....45
HISTORY TABLE....47
HISTORY CHART....50
LOGBOOK....53
LOGBOOK FILTER....56
Title bar....56
CONTROLLERS....57
Contextual Controls....59
LIST OF EWSENSE TEMP CHANNELS....59
EWSENSE TEMP PAIRING....61
CONTROLLER RESOURCES....64
THRESHOLD SETTINGS....66
ALARM AND ALERT THRESHOLD SETTINGS....66
ENERGY RESOURCES THRESHOLD SETTINGS....67
SITE INFO....68
SELF-SERVICE PAYMENTS....71
CONTROLLERS DISCOVERY....72
ADDRESS SELECTION....73

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p4

CONTROLLER SELECTION 74
NOTIFICATIONS RECIPIENTS 76
RECIPIENTS LIST 78
COMMANDS AND PARAMETERS 79
Commands and parameters favorites selection 83
COMMANDS AND PARAMETERS CONFIGURATION 88
REPORTS 95
Title bar 95
Menu bar 96
Data window 96
REPORT CONFIGURATION 97
Title bar 97
Data window 97
Contextual Controls 99
HACCP REPORT 99
HOW TO READ THE REPORT 102
Energy resources 103
REAL-TIME 104
TelevisGate PACK 107
GENERAL INFORMATION 107
PACKAGE CONTENT 107
SAFETY INFORMATION 108
RESPONSIBILITY AND RESIDUAL RISKS 109
CONDITIONS OF USE 109
DISCLAIMER 110
DISPOSAL 110

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p5

INSTALLATION....110
PRECAUTIONS....112
CONNECTING TO THE NETWORK....112
CONNECTIONS IN THE DEVICE....114
RS485 CONNECTION....114
INSTALLING AN EXTERNAL ANTENNA....114
USING AN EXTERNAL ANTENNA....115
PIN NUMBER for LICENCE ACTIVATION....116
BACKUP BATTERY....116
COMMUNICATION....117
OUTPUT CHARACTERISTICS....117
TECHNICAL DATA (EN 60950)....117
MECHANICAL CHARACTERISTICS....118
SIZES :....118
LED....119
TelevisBox PACK....123
GENERAL INFORMATION....123
PACKAGE CONTENTS....123
SAFETY INFORMATION....124
LIABILITY AND RESIDUAL RISKS....125
CONDITIONS OF USE....125
DISCLAIMER....126
DISPOSAL....126
INSTALLATION....126
PRECAUTIONS....129
CONNECTING TO THE NETWORK....129

REPLACING THE POWER SUPPLY FUSE 130
CLEANING (PRECAUTIONS) 130
EWSense Temp INSTALLATION 130
EWSense Temp POSITION 131
EWSense Repeater POSITION 131
LICENSE ACTIVATION PIN 133
BACKUP BATTERY 133
COMMUNICATION 133
TECHNICAL DATA (EN 61010) 134
MECHANICAL CHARACTERISTICS 134
DIMENSIONS:. 134
LEDs 135
GENERAL INFORMATION 139
PROCEDURE 139
Support 143
Useful numbers 145

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p7

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			

© 2021 Eliwell - All right reserved

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	

© 2021 Eliwell - All right reserved

Recording interval	Configurable from 5 minutes to 1 day	
Operations on controllers	Reading/writing of parameters and commands Maximum 1000 operations per license up to 25 resources, 5000 for higher licenses	Plus Option
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	Administration of	

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p11

security	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		

© 2021 Eliwell - All right reserved

COMPATIBLE INSTRUMENTS

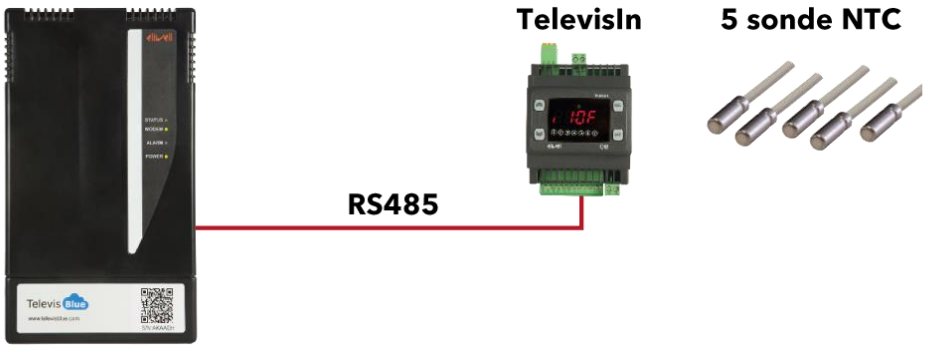
The list of compatible devices can be found in the annex at the link Eliwell Instruments

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

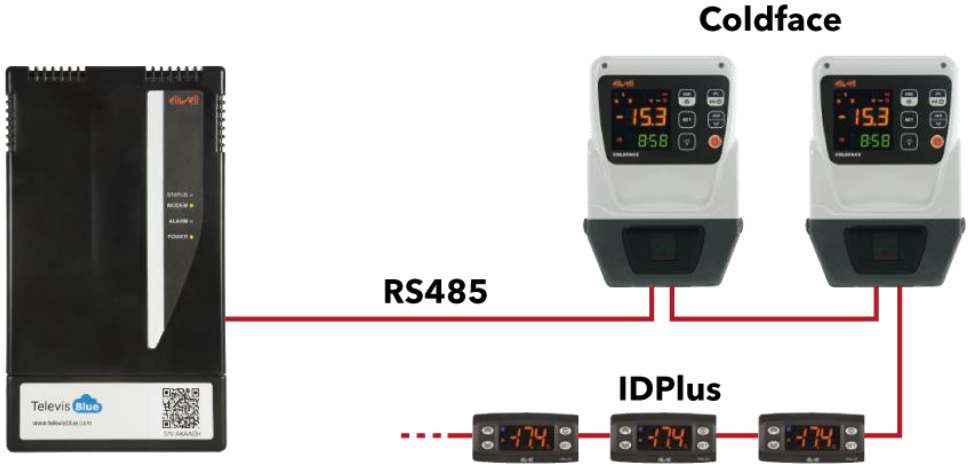
2) Monitoring for a chain of restaurants

The minimum requirements in the example are:

DEVICE	QUANTITY	NOTES
TelevisBlue Starter 025-1Y 2G	1	25 resources

© 2021 Eliwell - All right reserved

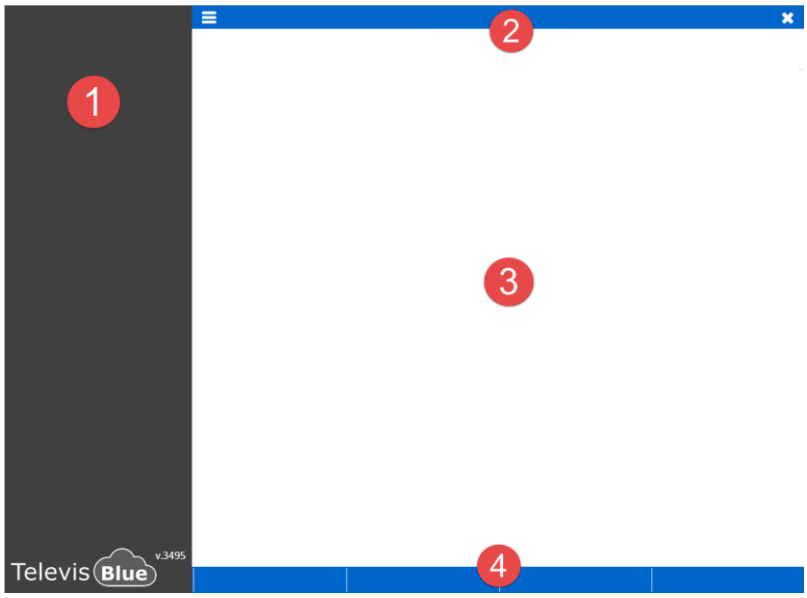
Colface	2	
IDPlus	3 or more	
NTC Probes	10 or more	



- 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

© 2021 Eliwell - All right reserved

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)

© 2021 Eliwell - All right reserved

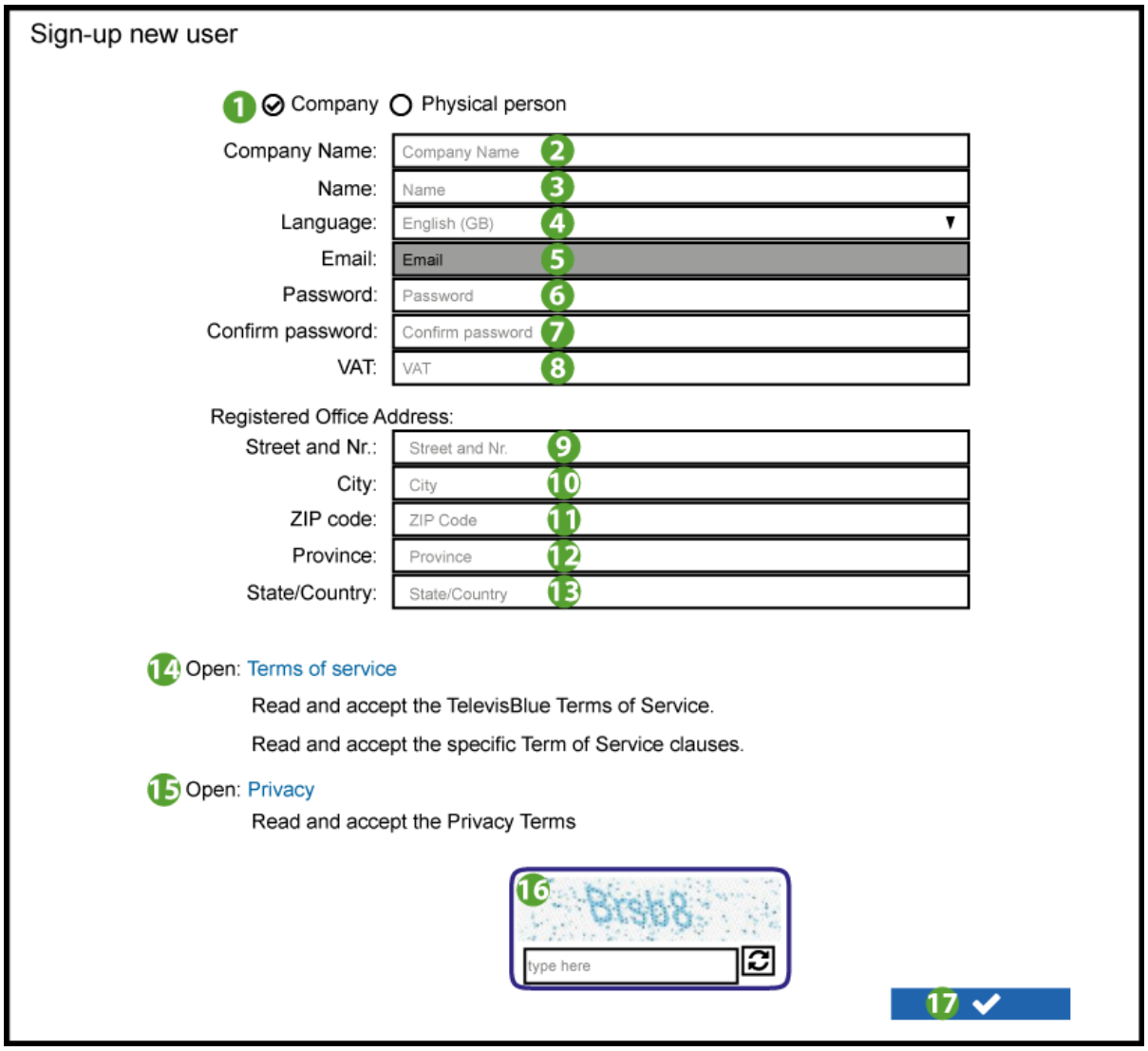
	Alarm active	Indicates that an active alarm threshold has been exceeded (see Threshold settings)
	Alert active	Indicates that an active Alert threshold has been exceeded (see Threshold settings)
	Alarm/Alert reset	Indicates that the value has returned to below the Alarm/Alert thresholds (see Threshold 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

REGISTRATION OF A NEW COMPANY

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



1. **Type of user**: Company. **NOTE**. You must register as a Company in order to be a gateway owner
2. **Company Name**: official name of the company
3. **Name**: Name and Surname of employee
4. **Language**: Selects the language to use in the screens (drop-down menu)
5. **Email**: user email - **NOTE: the email must be valid and will become the user name**

© 2021 Eliwell - All right reserved

6. **Password**: Enter the Password.
   NOTE: The Password must contain at least 6 characters and at least one number (0...9)
7. **Confirm Password**: Re-enter the Password
8. **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.

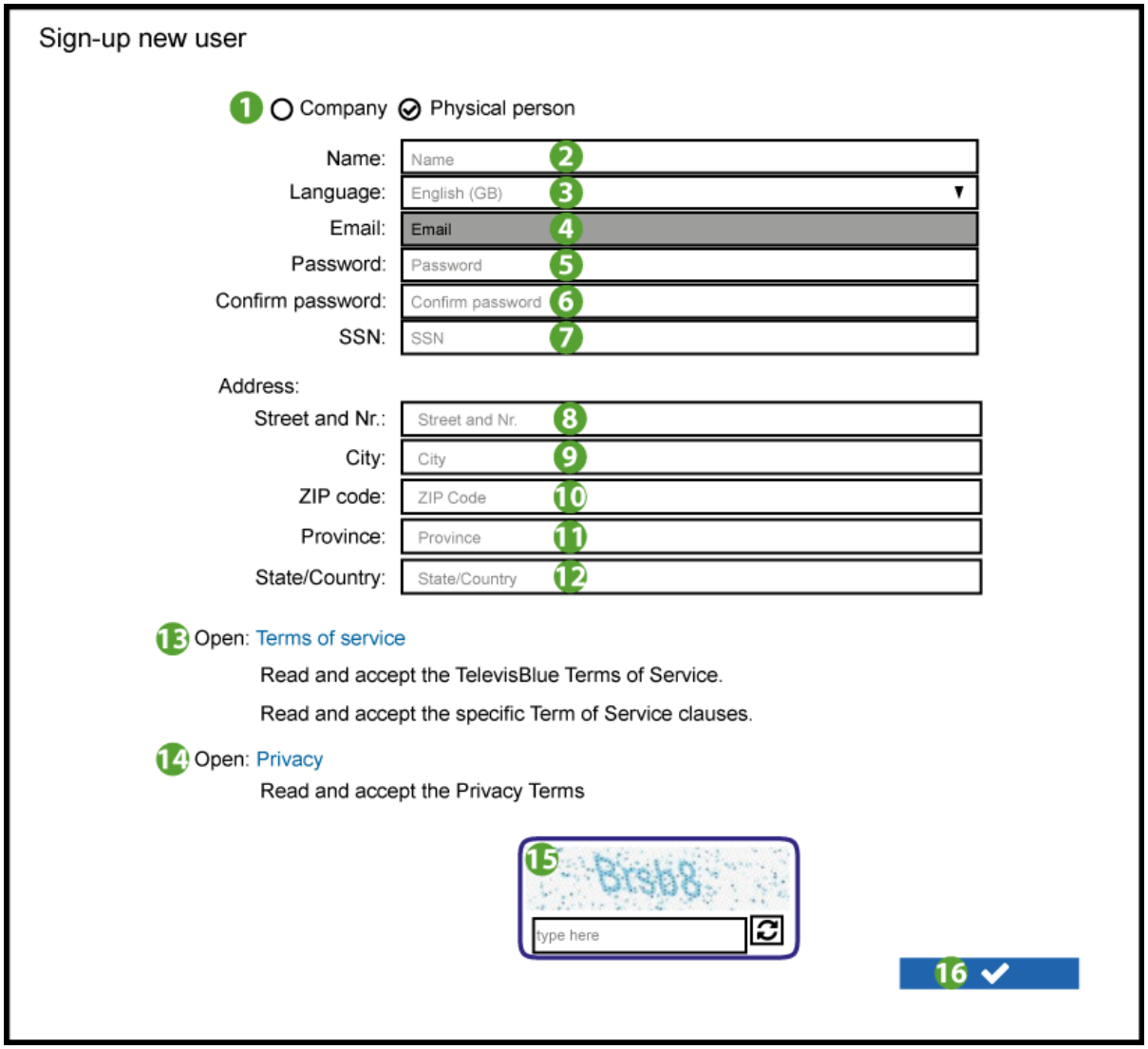
CAUTION: the email cannot be used to create a new account

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

© 2021 Eliwell - All right reserved

REGISTRATION OF A NEW PRIVATE USER

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



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**

© 2021 Eliwell - All right reserved

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.

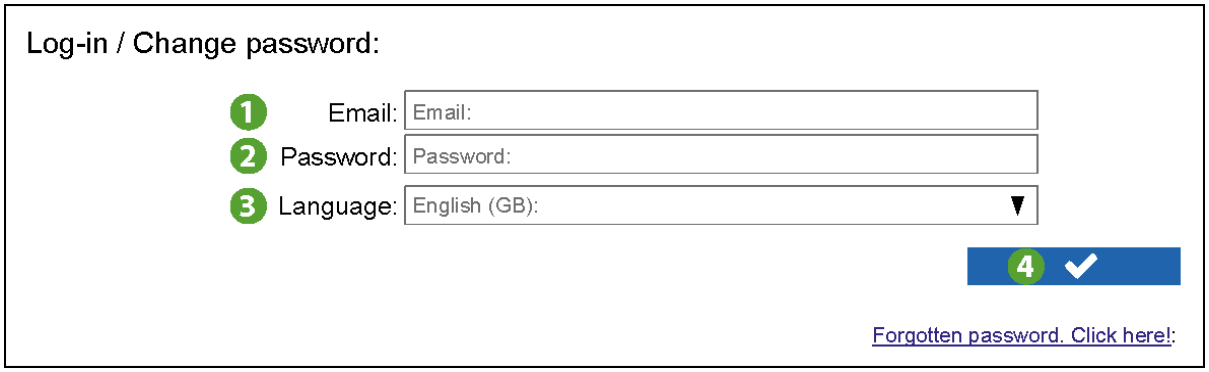
    WARNING: you must access the page and read the conditions
15. **Captcha**: control code. If the characters are not legible press to generate a new code
16. : closes the screen and goes to the Site list page.

    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)

© 2021 Eliwell - All right reserved

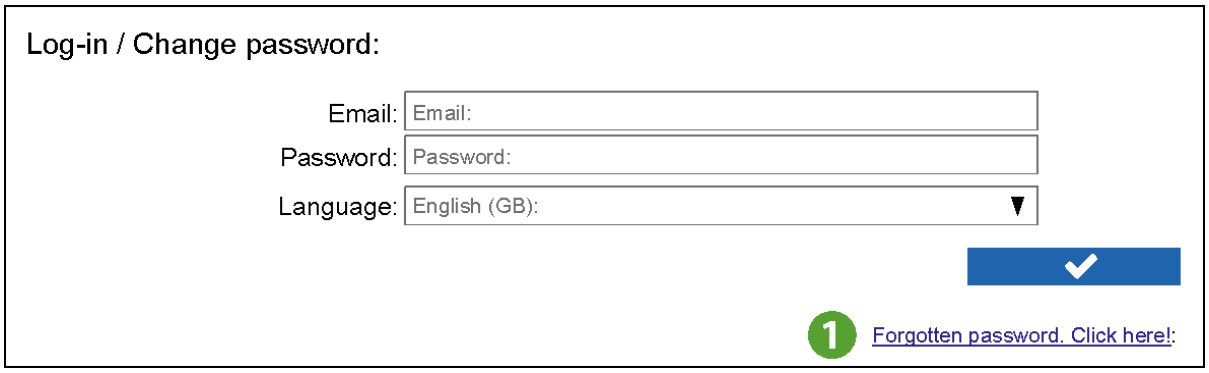
From top to bottom, the fields to be compiled are:



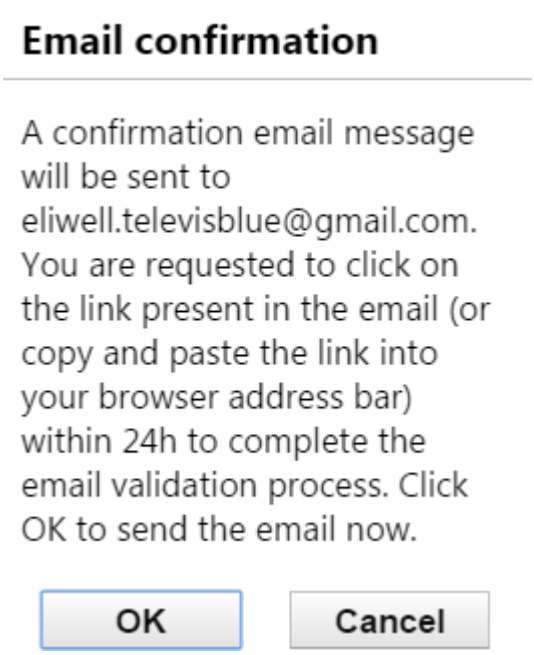
1. **Email**: enter your email address (user name)
2. **Password**: enter your password. **NOTE**. After x number of failed attempts, the account will be blocked. The words user locked out appear in red
   Contact Technical Support
3. **Language**: Select the language to use in the screens (drop-down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

PASSWORD RECOVERY (RESET)

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



1. Press "**Password forgotten. Click here!**"
   The following screen appears:



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.

© 2021 Eliwell - All right reserved

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:

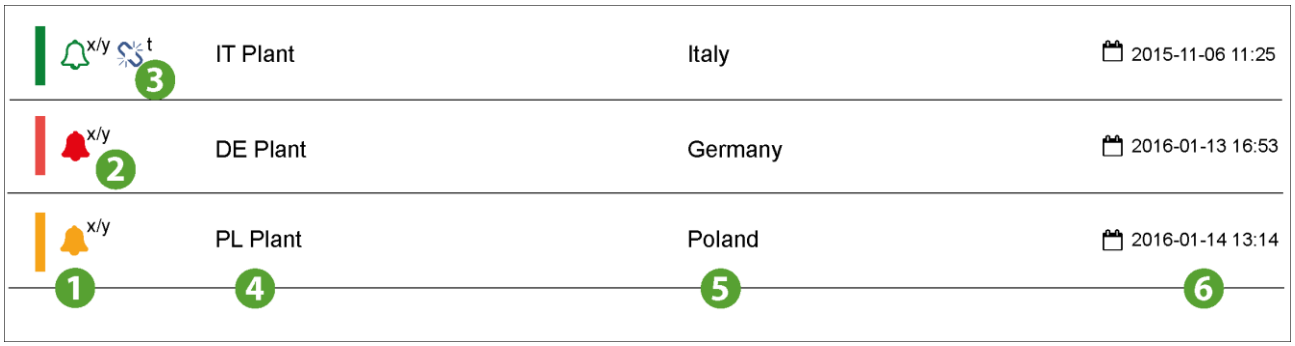


1. : opens the Online Help. The first screen is that of the current page.
2. : goes to the Site list page.
3. : filters the sites by name, address and company
4. : **OFF** displays all sites; **ON** displays only the sites with new alarms
5. : goes to the User Settings page.
6. : quits the programme. **NOTE**: If pressed a pop-up window appears to confirm.
7. : goes to the Add site page

Data window

The information includes:

© 2021 Eliwell - All right reserved



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 A NEW SITE

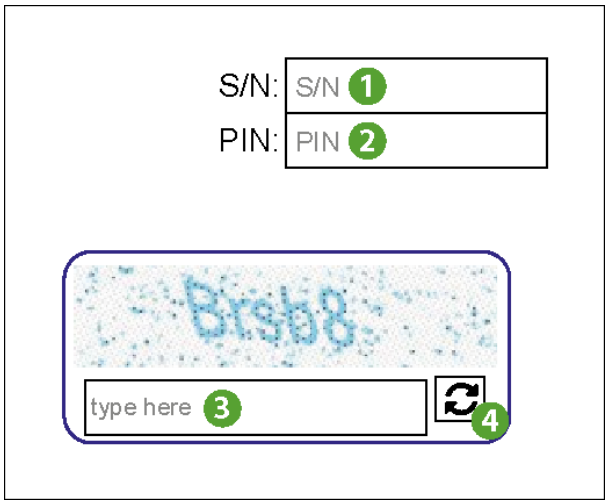
Title bar

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

© 2021 Eliwell - All right reserved

Data window

The fields to be compiled are:



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)

GATEWAY REPLACEMENT

Title bar

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

Data window

The fields to be compiled are:



1. **New 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. **Captcha**: control code. If the characters are not legible press to generate a new code
4. : Stores the entered data.

NOTES

- Once the site is registered, always run a scan/configuration (see Network Scanning)
- (TelevisBox only) Carry out the temperature sensor pairing procedure (EWSense Temp).

© 2021 Eliwell - All right reserved

CONFIGURATION

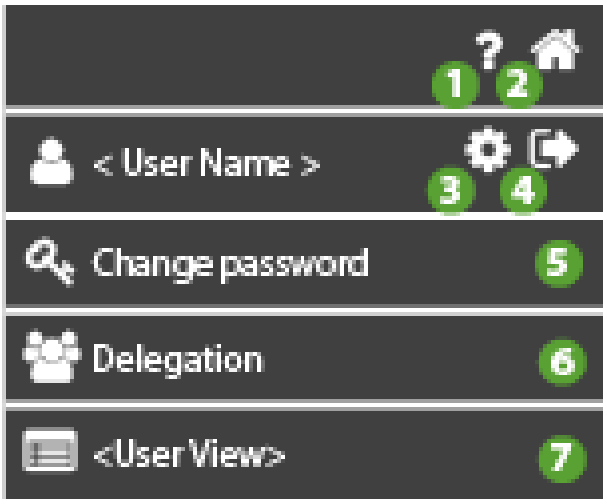
USER SETTINGS

Title bar

1. ✖: closes the screen and goes to the Site list page.

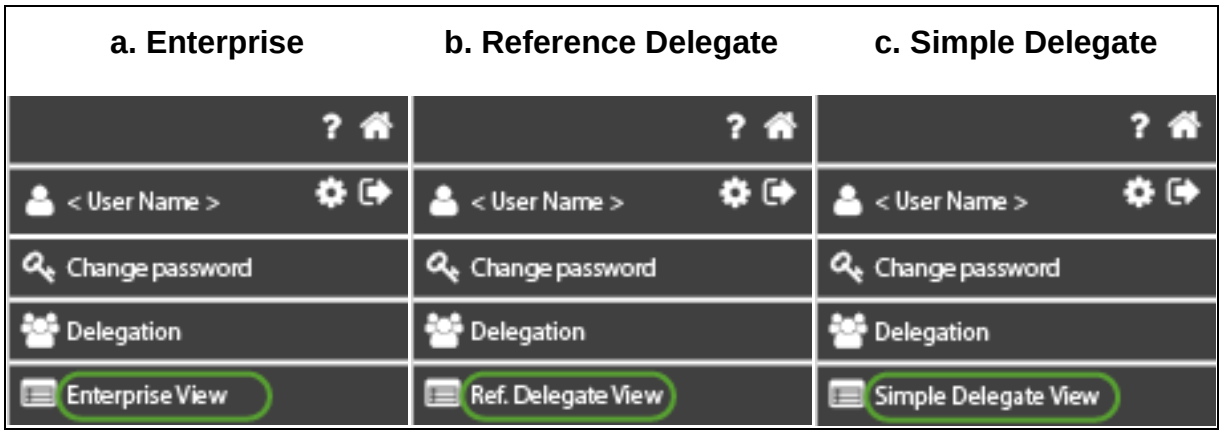
Menu bar

This area includes:



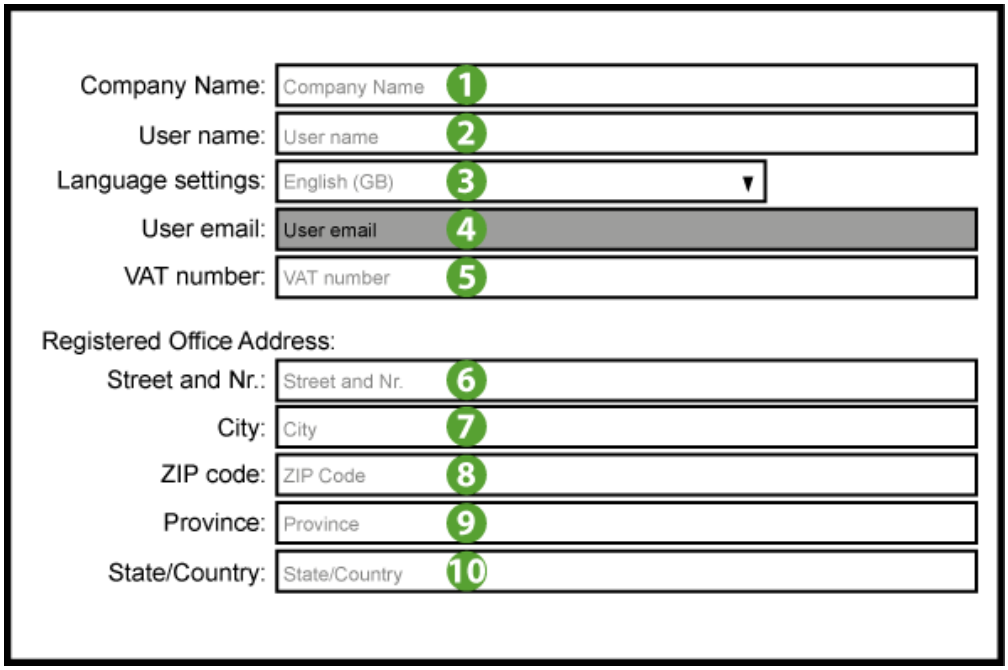
1. : opens the Online Help. The first screen is that of the current page.
2. : goes to the Site list page.
3. : not active.
4. : quits the programme. **NOTE**: If pressed a pop-up window appears to confirm.
5. : goes to the Change password page.
6. : goes to the Delegations page.

7. : goes to User Views page. **NOTE**: There are three kinds of user (and user views):
    a. **Enterprise** user
    b. **Reference Delegate** user
    c. **Simple Delegate** user



Data window

The fields compiled/to be compiled are:



1. **Company Name**: enter the company name / user name

© 2021 Eliwell - All right reserved

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:

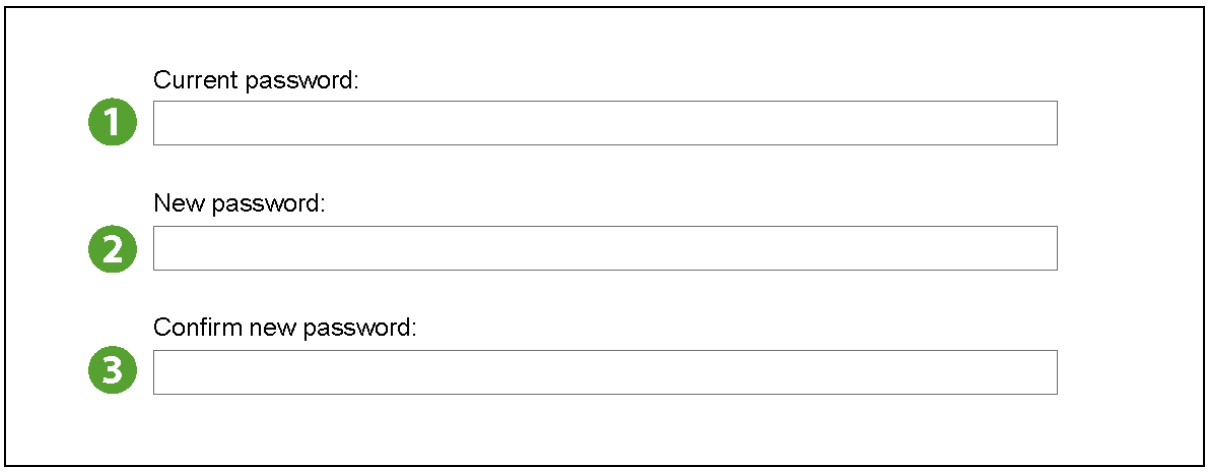


1. : opens the Online Help. The first screen is that of the current page.
2. : goes to the Site list page.
3. : goes to the User Settings page.
4. : quits the programme. **NOTE**: If pressed a pop-up window appears to confirm.

Data window

© 2021 Eliwell - All right reserved

The fields to be compiled are:

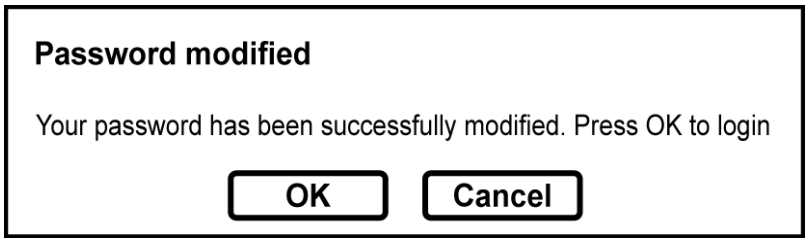


1. **Current password**: Enter your current password
2. **New password**: Enter the new password
   NOTE: The Password must contain at least 6 characters and at least one number (0...9)
3. **Confirm new password**: Re-enter the new password to confirm

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

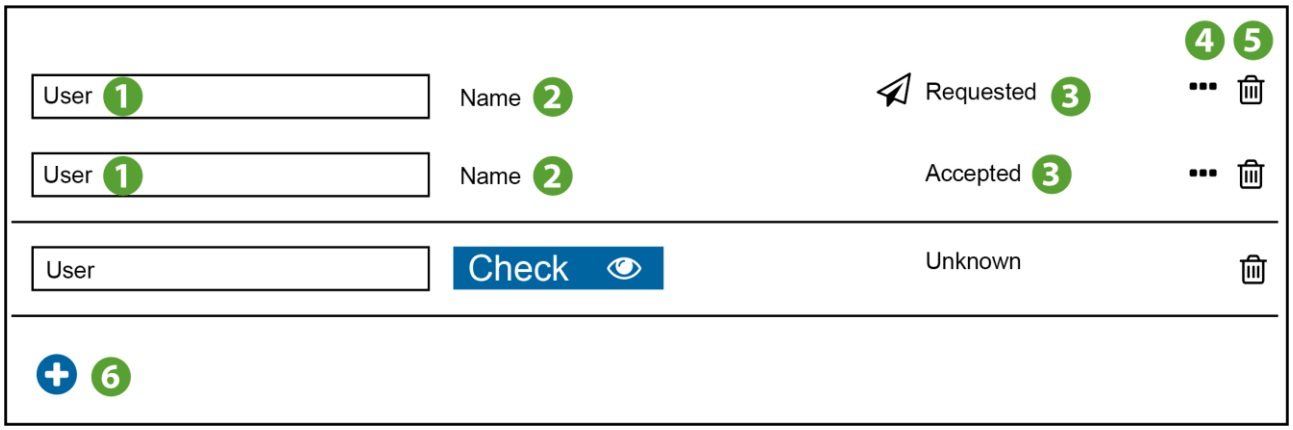
This area includes:



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:



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.

© 2021 Eliwell - All right reserved

(**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

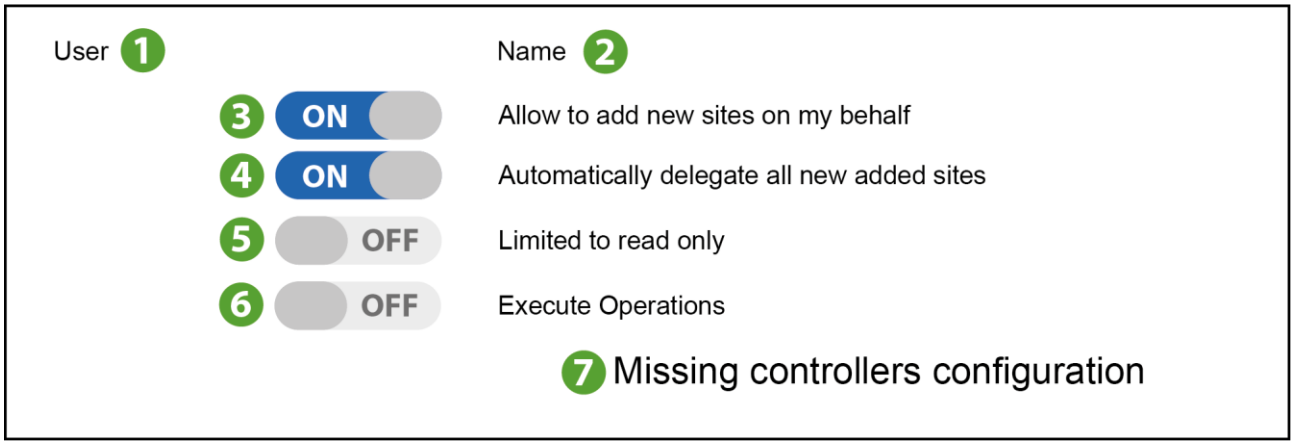
Title bar

1. ✖: closes the screen and goes to the Delegations page.

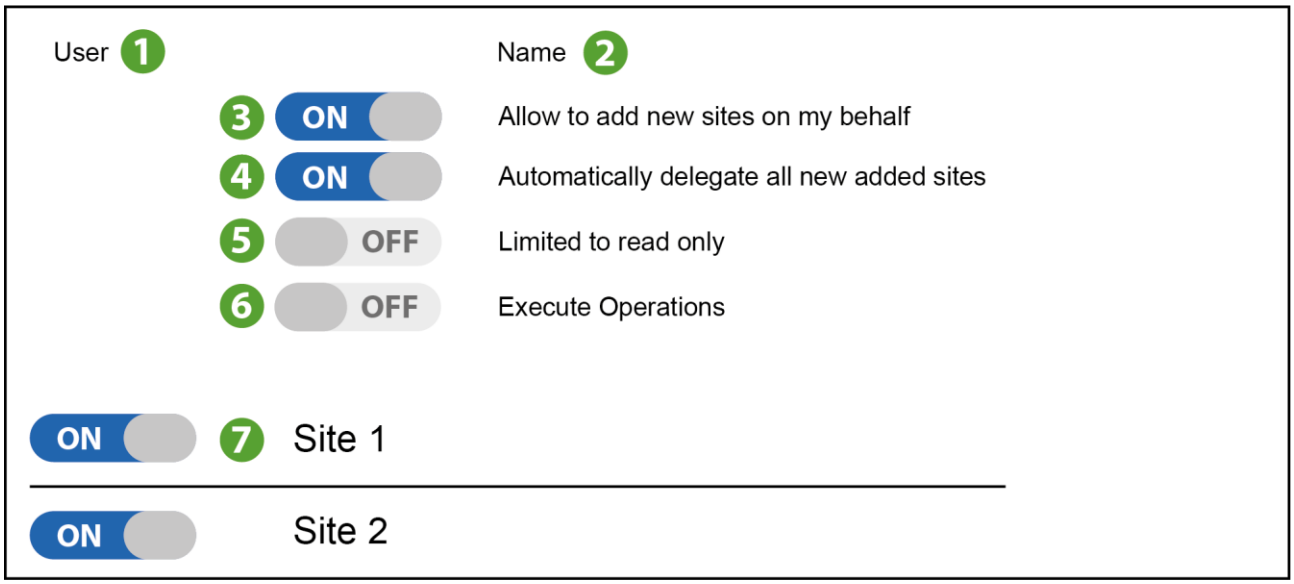
Data window

The information includes:

case A: no delegation present



case B: 2 delegations present



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

© 2021 Eliwell - All right reserved

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

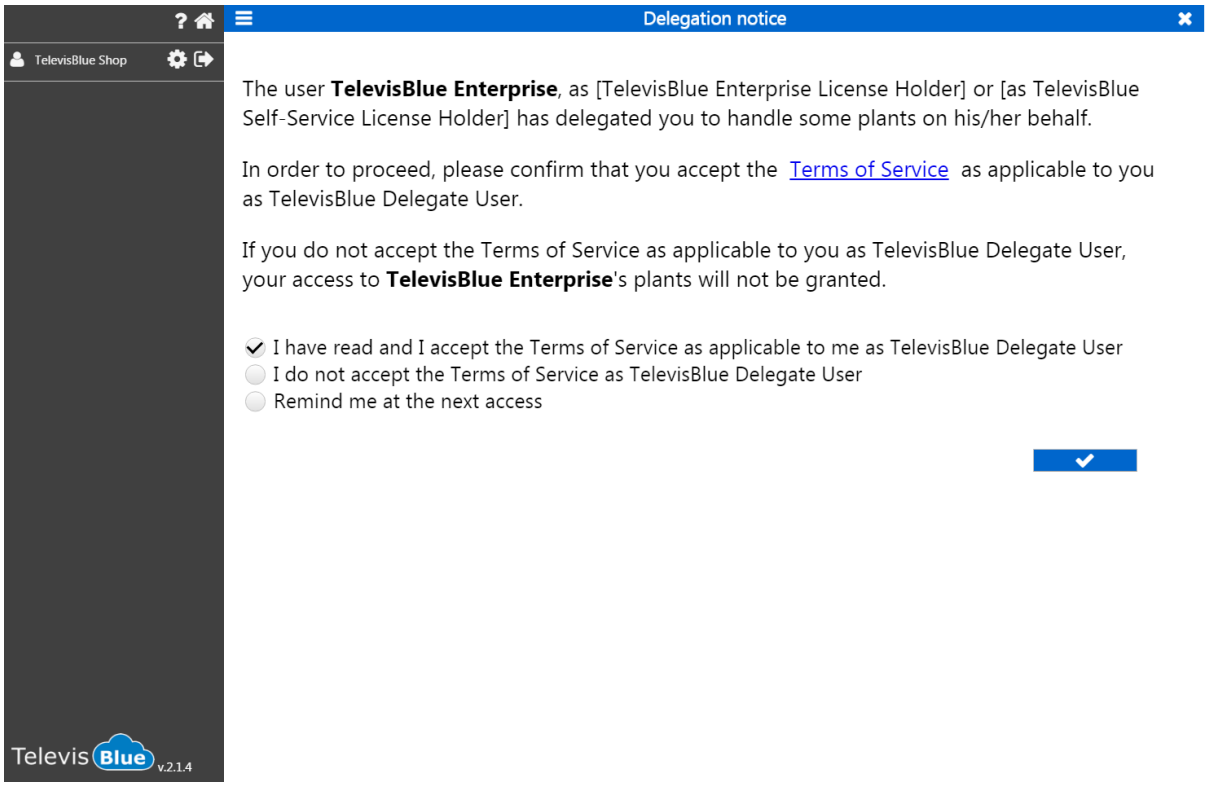
This area includes:



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**.**

© 2021 Eliwell - All right reserved

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.

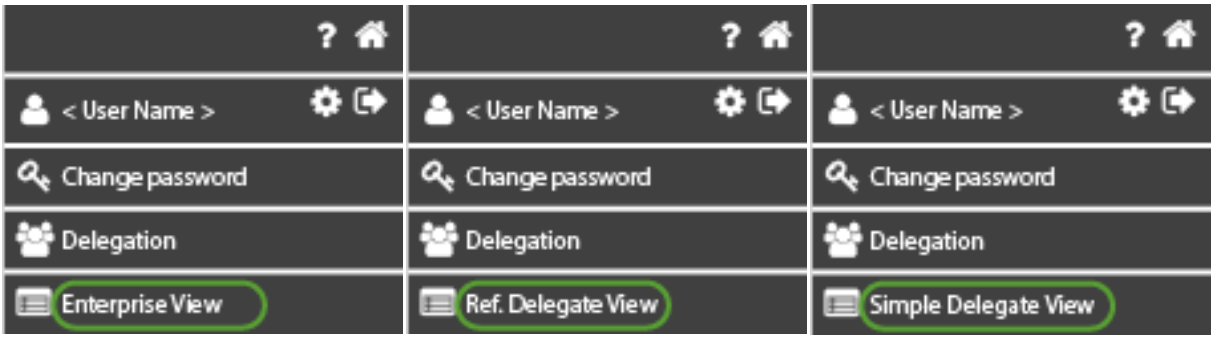
The Conditions of Service should be read before accepting the delegate. See Delegate Notification.

USER VIEWS

From User Configuration menu <User View> identifies the three user views:

a. **Enterprise** user
b. **Reference Delegate** user
c. **Simple Delegate** user

a. Enterprise **b. Reference Delegate** **c. Simple Delegate**



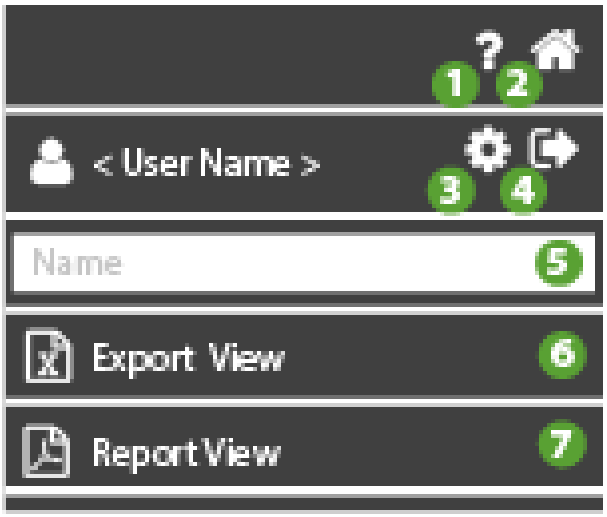
Title bar

1. ✖: closes the screen and goes to the User Settings page.

© 2021 Eliwell - All right reserved

Menu bar

This area includes:

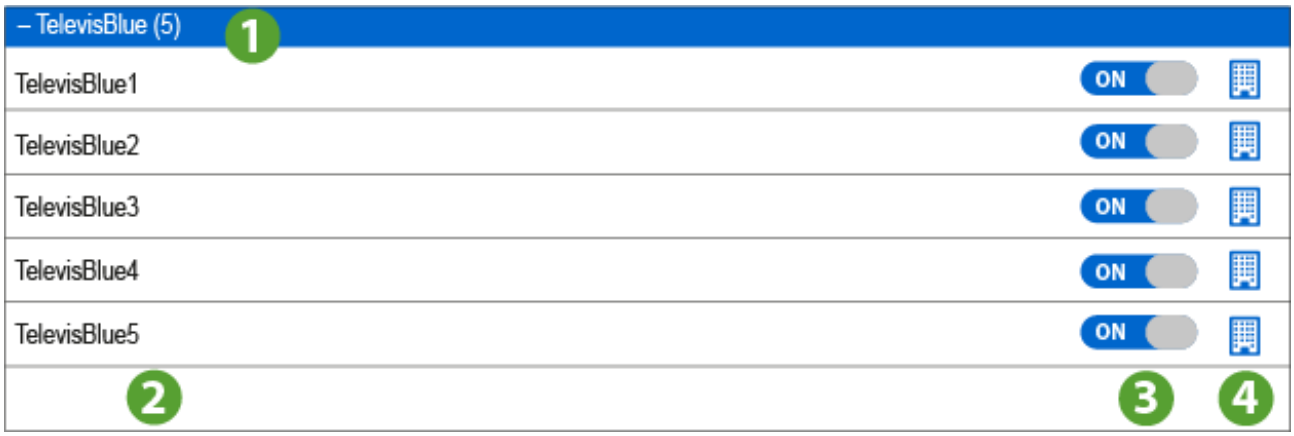


1. : opens the Online Help. The first screen is that of the current page.
2. : goes to the Site list page.
3. : goes to the User Settings page.
4. : quits the programme. **NOTE**: If pressed a pop-up window appears to confirm.
5. filters the sites by name, address and company
6. : report of table type: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

Data window

Enterprise user case

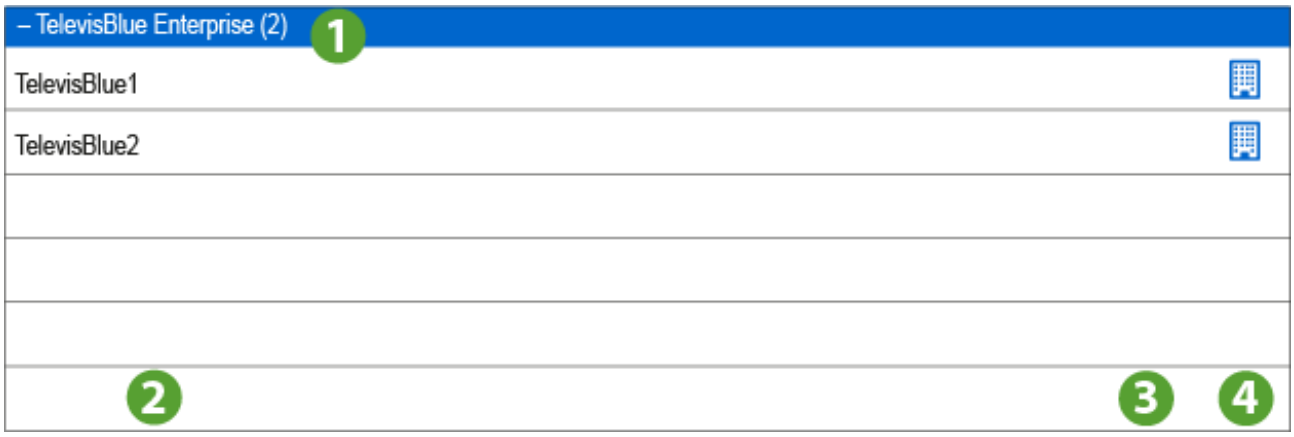
The window shows the list of delegate Users / gateways and the information includes:



1. **Owner**: Site owner (in this case TelevisBlue)
2. **Gateway list**: List of Gateway where you are owner or you have the delegation.
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:



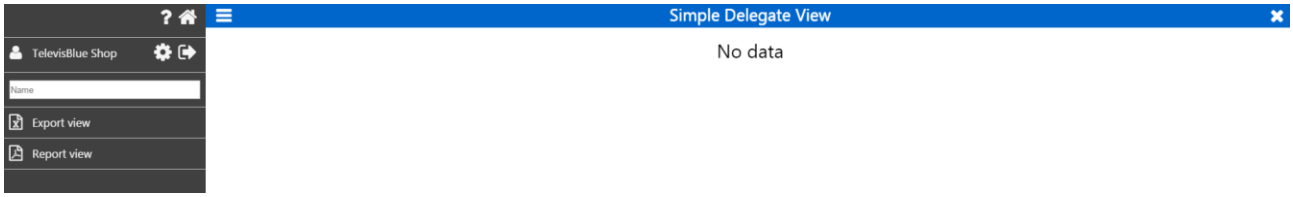
1. **Owner**: Site owner (in this case TelevisBlue Enterprise)
2. **Gateway list**: List of Gateway where you have the delegation.
3. **NA**

© 2021 Eliwell - All right reserved

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:



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

SITE

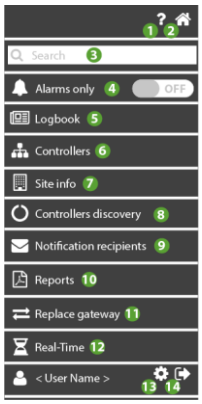
SITE

Title bar

1. : closes the screen and goes to the Site list page.

Menu bar

This area includes:



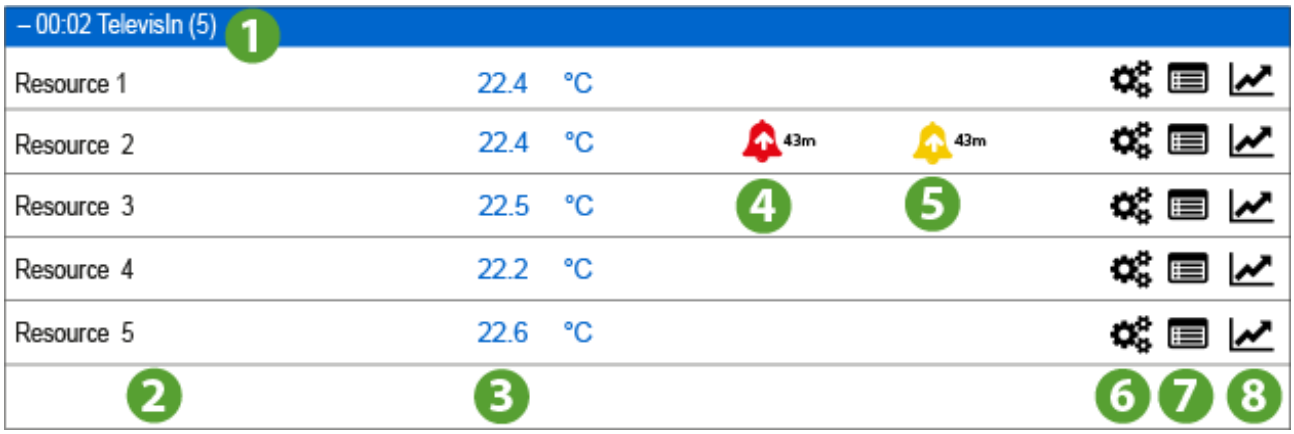
1. : opens the Online Help. The first screen is that of the current page.
2. : goes to the Site list page.
3. : filters the resources by name.
4. : **OFF** displays all the sites; **ON** displays only the sites with new alarms.
5. : goes to the Site logbook page (accesses, alarms, notifications sent,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

© 2021 Eliwell - All right reserved

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 Real-Time page.
13. : goes to the User configuration page.
14. : quits the programme. **NOTE**: If pressed, opens a pop-up window asking you to confirm.

Data window

The information includes:



1. **Controller name**: name assigned to the controller.
2. **Resource**: name assigned to the resource
3. **Value**: value read by the resource
4. x or x **(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. x or x **(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.

© 2021 Eliwell - All right reserved

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.

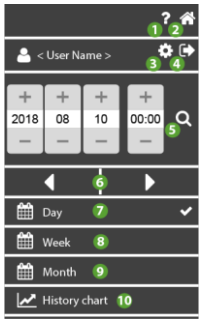
HISTORY TABLE

Title bar

1. : closes the screen and goes to the Site view page.

Menu bar

This area includes:



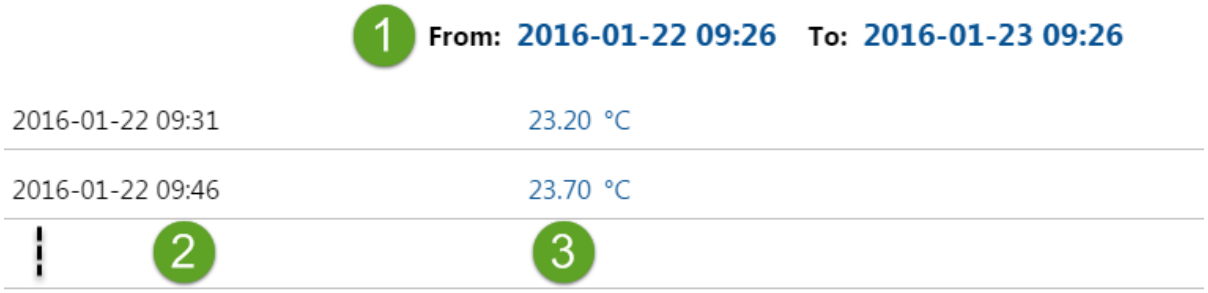
1. : opens the Online Help. The first screen is that of the current page.
2. : goes to the Site list page.
3. : goes to the User Settings page.
4. : quits the programme. **NOTE**: If pressed a pop-up window appears to confirm.
5. **Date**: data display start date/time.

© 2021 Eliwell - All right reserved

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:

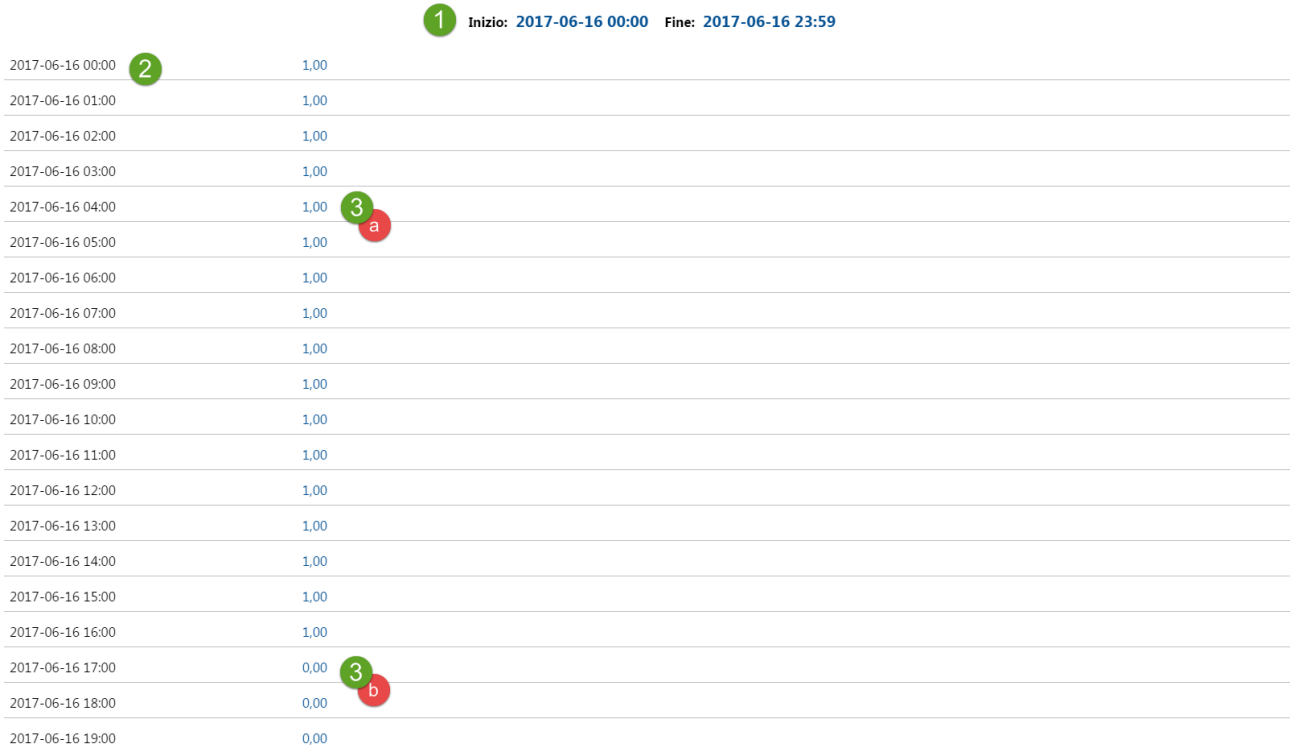


1. **Interval**: data display interval (**From**: start - **To**: end).
2. **Date**: date/time of data registration
3. **Value**: value read at the indicated moment (date/time)

Energy resource data window

The information includes:

© 2021 Eliwell - All right reserved



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:

© 2021 Eliwell - All right reserved



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

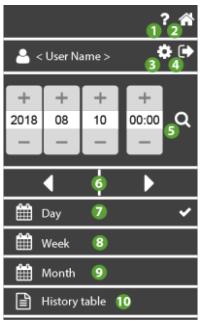
Title bar

1. ✖: closes the screen and goes to the Site view page.

Menu bar

This area includes:

© 2021 Eliwell - All right reserved



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.

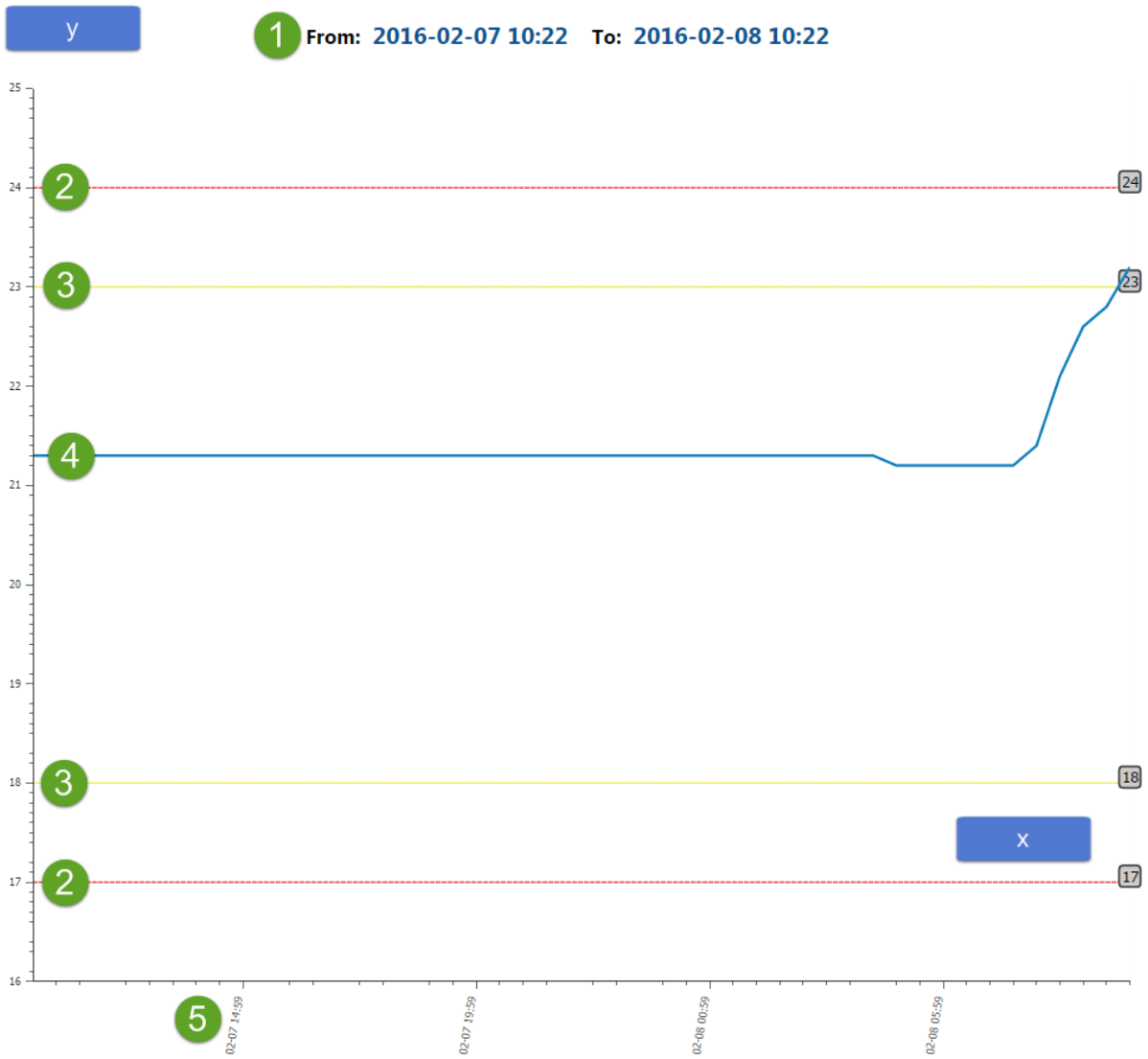
Data window

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:

© 2021 Eliwell - All right reserved



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

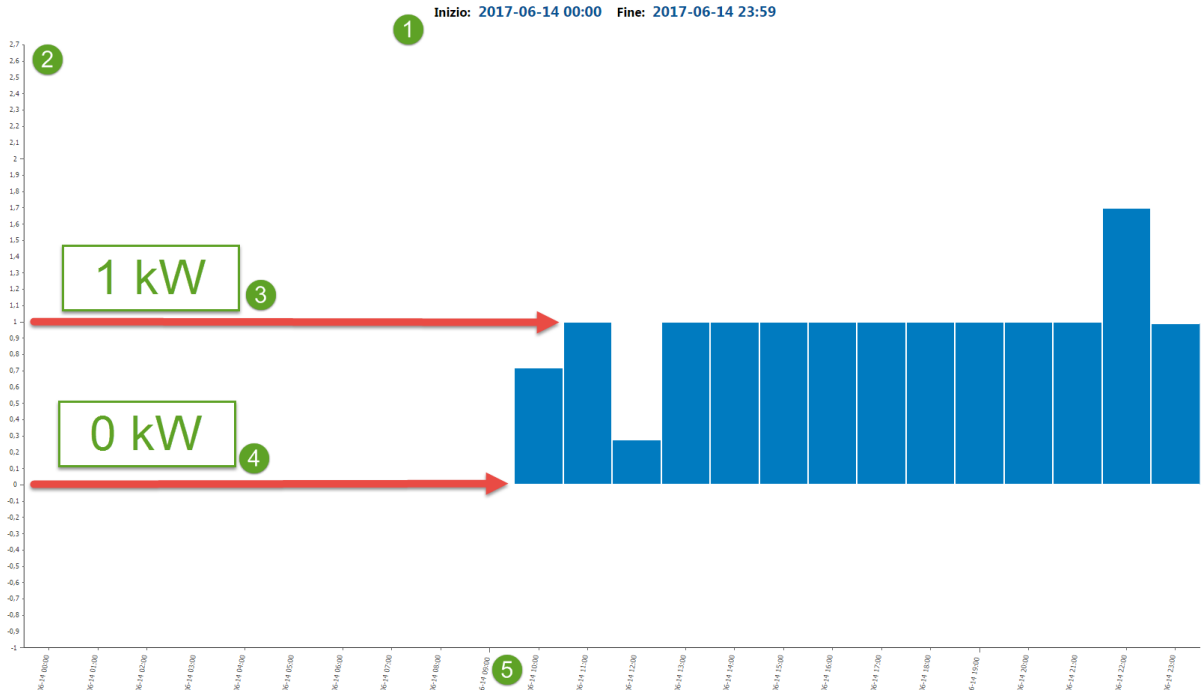
Energy resource data window

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.

© 2021 Eliwell - All right reserved

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

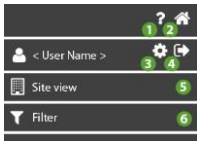
Title bar

© 2021 Eliwell - All right reserved

1. : closes the screen and goes to the Site view page.

Menu bar

This area includes:

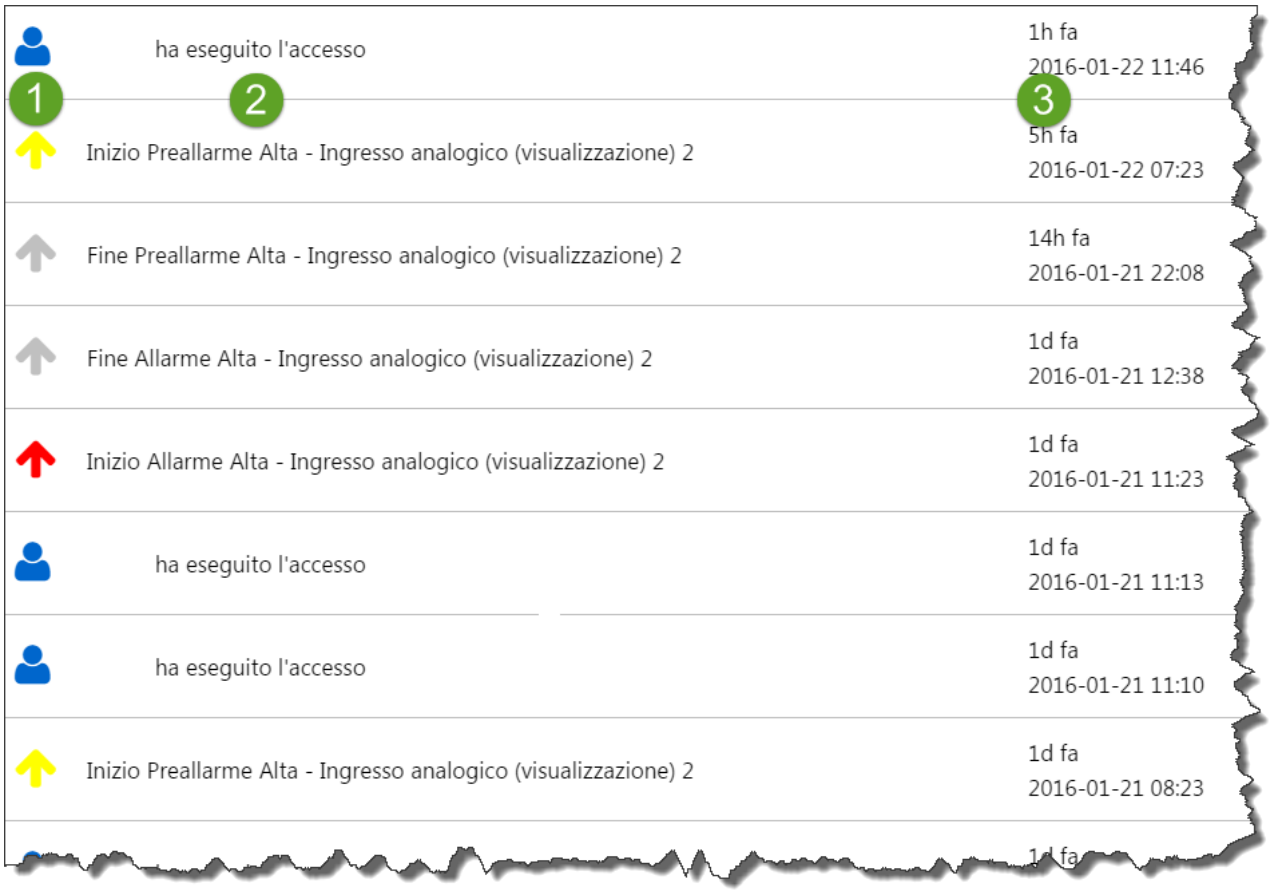


1. : opens the Online Help. The first screen is that of the current page.
2. : goes to the Site list page.
3. : goes to the User configuration page.
4. : quits the programme. **NOTE**: If pressed, opens a pop-up window asking you to confirm.
5. : goes to the Site info page (owner, name, company, etc.).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

Data window

From left to right the information given is:

© 2021 Eliwell - All right reserved



1. - **(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.

   - o **(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.

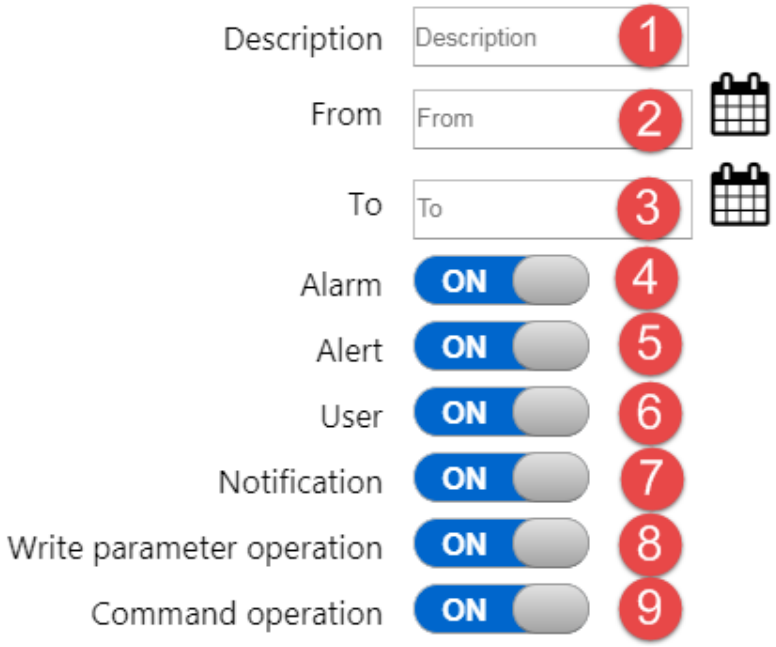
LOGBOOK FILTER

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:



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.

© 2021 Eliwell - All right reserved

Menu bar

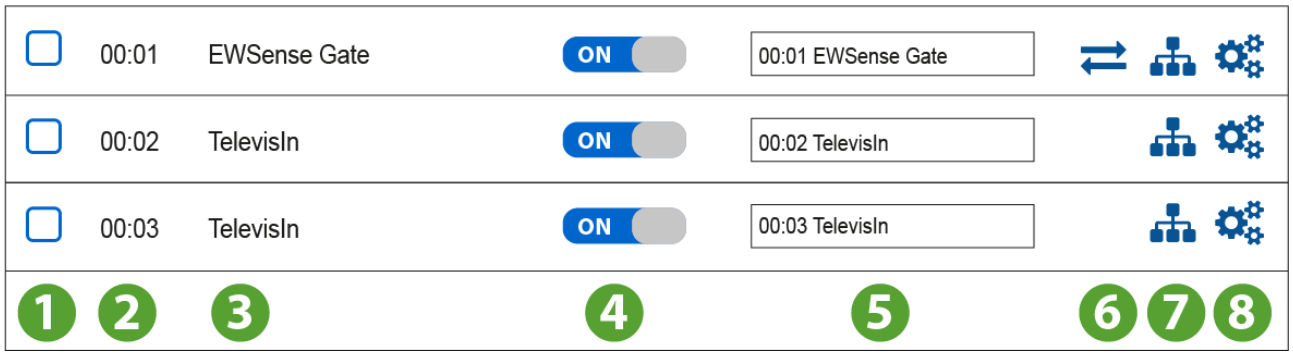
This area includes:



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:



1. : controller selection box (*).
2. **00:00**: controller address (FAA:dEA)
3. **Type**: type of controller (e.g. TelevisIn)
4. **Controller activation**: **OFF** if the controller is not activated; **ON** if the controller is activated.
5. **Description**: name assigned to the controller.
6. : goes to the EWSense Gate channels list page (only visible with **EWSense Gate**)
7. : goes to the Controller resources page.
8. :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.

LIST OF EWSENSE TEMP CHANNELS

Title bar

1. : closes the screen and goes to the Site view page.

© 2021 Eliwell - All right reserved

Menu bar

This area includes:

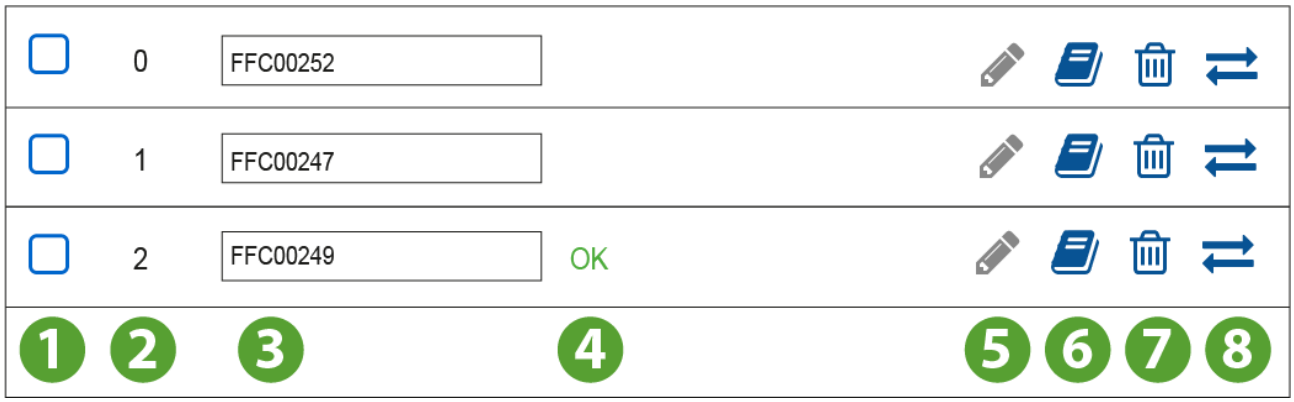


1. : opens the Online Help. The first screen is that of the current page.
2. : goes to the Site list page.
3. : goes to the User configuration page.
4. : quits the program. **NOTE**: If pressed, opens a pop-up window asking you to confirm.

Data window

Upon access, all 60 channels will be checked, and the Mac Addresses of all the paired channels displayed.

The information includes:



1. : selection box for the sensor to be paired.
2. **Number**: indicates the number of the channel currently undergoing the pairing procedure.

© 2021 Eliwell - All right reserved

3. **Mac Address**: MAC Address value for the paired sensor.

   When entering a Mac Address and you press  to save it, the border of the check box will become:

   - **Orange**: correct value entered
   - **Red**: incorrect value entered

4. : writes the Mac Address value for the sensor.
5. : reads the Mac Address value for the sensor.
6. : removes the Mac Address value paired with the selected channel.
7. : launches the temperature sensor pairing procedure (EWSense Temp).
8. **Completion**: we will see:
   - "**OK**" appears if the Mac Address for the sensor was saved successfully.
   - an "**error**" appears if the save procedure was not successful

Contextual Controls

1. : removes all selected Mac Address values paired with EWSense Gate.
2. : reads all Mac Address values selected via EWSense Gate.
3. : writes all Mac Address values selected on EWSense Gate.
4. : Selects/Deselects all EWSense Gate Mac Addresses.

EWSENSE TEMP PAIRING

Title bar

1. : closes the screen and goes to the Site view page.

Menu bar

© 2021 Eliwell - All right reserved

This area includes:

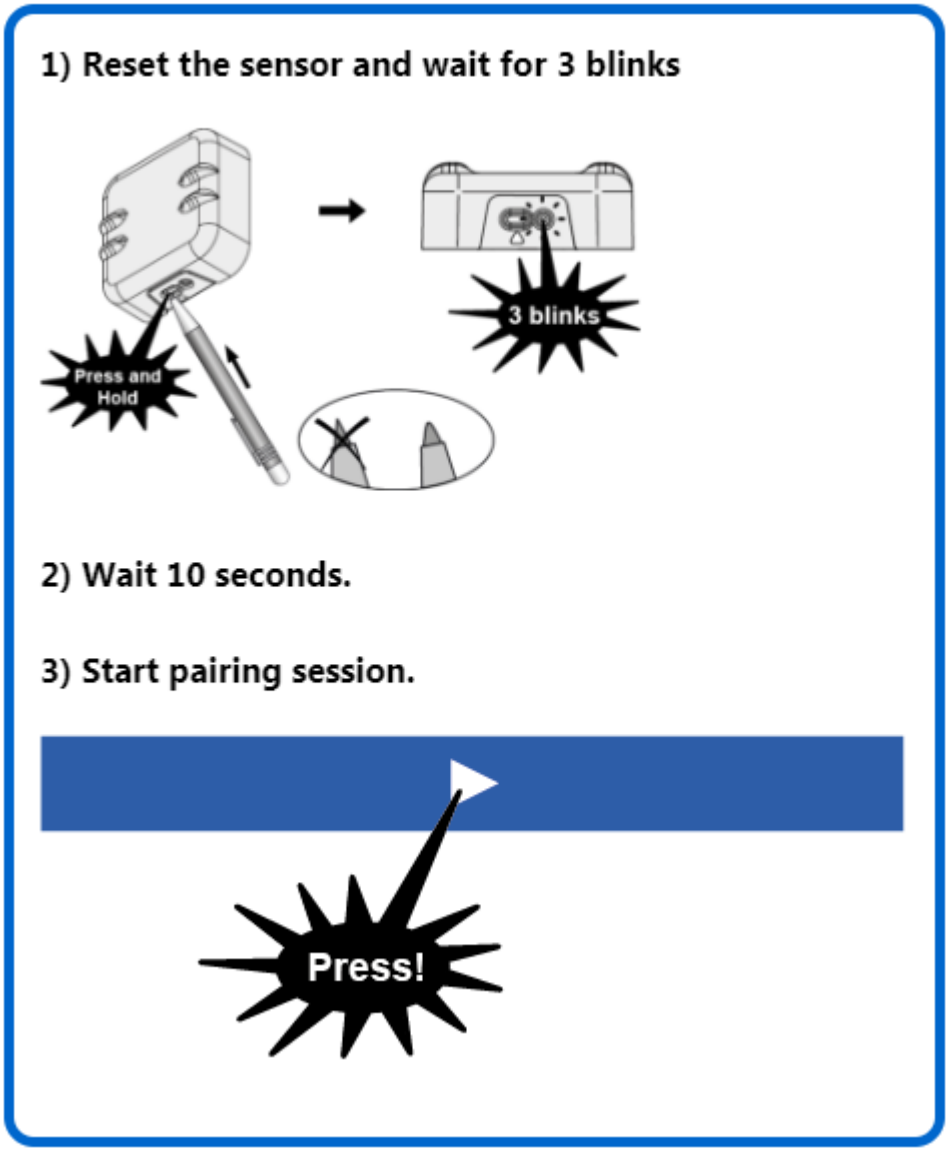


1. : opens the Online Help. The first screen is that of the current page.
2. : goes to the Site list page.
3. : goes to the User configuration page.
4. : quits the program. **NOTE**: If pressed, opens a pop-up window asking you to confirm.

Data window

The information includes:

Steps to be executed for a correct pairing:



Wizard for the pairing procedure:

1. Sensor reset. Press the sensor button; you will see 3 flashes.
2. Wait for 10 seconds before continuing.
3. You will be asked to press the  button at the bottom of the page.
4. The pairing procedure has begun (the "Status" and "Alarm" LEDs on EWSense Gate flash).
   Press the sensor button within 2 minutes; you will see 2 flashes.

© 2021 Eliwell - All right reserved

5. Wait for sensor pairing...
6. When the procedure is complete the text "Pairing failed" or "Pairing completed successfully" will appear, depending on the result.
7. Press ✖ to exit.
8. After pairing a sensor, ALWAYS perform a network scan to view the resources paired with the channel.

CONTROLLER RESOURCES

Title bar

1. ✖: closes the screen and goes to the Controllers List page.

Menu bar

This area includes:

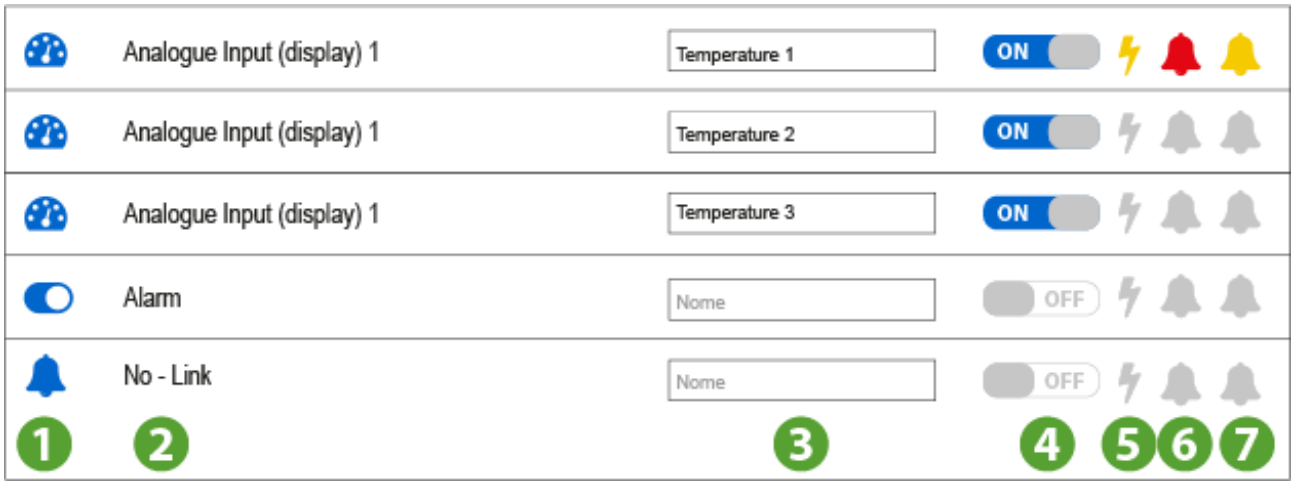


1. ?: opens the Online Help. The first screen is that of the current page.
2. ⌂: goes to the Site list page.
3. 🔍: filters the resources by description.
4. ⓘ: shows information concerning Total number of resources in the license and Total number of resources used.
5. ⚙: goes to the User Settings page.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

© 2021 Eliwell - All right reserved

Data window

The information includes:



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

© 2021 Eliwell - All right reserved

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

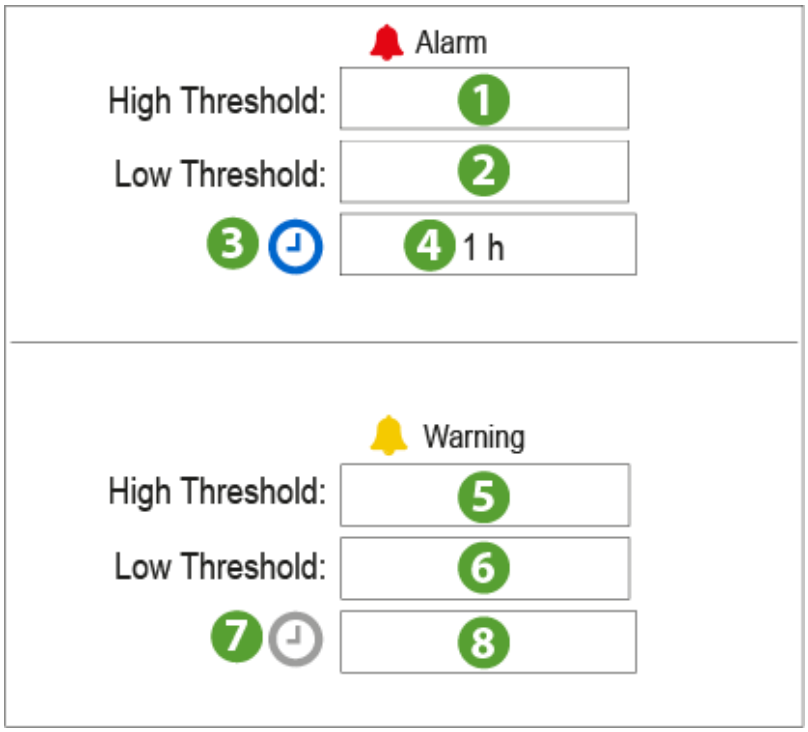
Title bar

1. : closes the screen and goes to the Controller resources page.

Data window

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

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p66



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

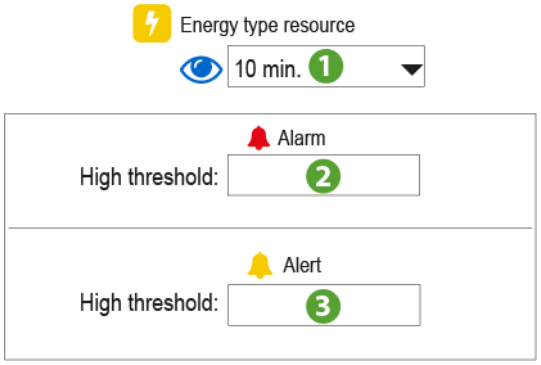
Title bar

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p67

1. ✖: closes the screen and goes to the Controller resources page.

Data window

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



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

NOTE. There are no minimum thresholds and delays.

SITE INFO

Title bar

1. ✖: closes the screen and goes to the Site view page.

Menu bar

This area includes:

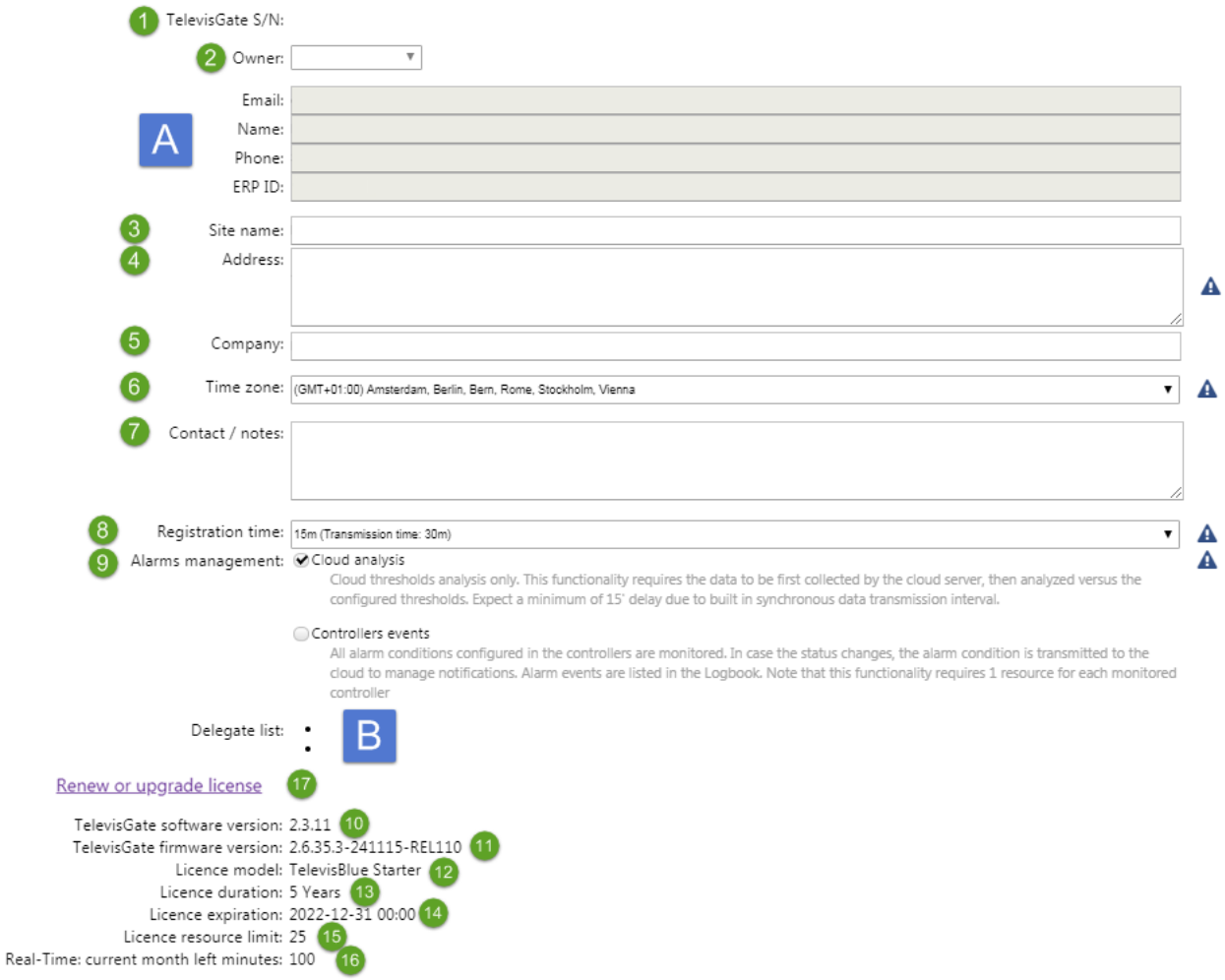


1. : goes to the User configuration page.

2. : quits the program. **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:



1. **TelevisGate S/N**: Serial number for the site (written below the TelevisBlue barcode).
2. **Owner**: name of the site owner.

© 2021 Eliwell - All right reserved

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 the 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.
16. **Real-Time: minutes remaining for the current month**: shows the number of minutes remaining for the current month.
    NOTE: every Real-Time session uses 10 minutes for each instrument selected (corresponding to 10 readings).

(§) **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.

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p70

(§§) **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:

- **Email**: e-mail of delegate - **obligatory field**
- **Name**: name of the delegate
- **Telephone**: delegate’s phone number
- **ERP ID**: ID code assigned by the site owner to the delegate

B.

List of Delegates: List of delegates: an indication, in **bold**, of the **Reference Delegates**.

Contextual Controls

1. ✔: Confirms and stores the entered data.

SELF-SERVICE PAYMENTS

© 2021 Eliwell - All right reserved

IMPORTANT: FUNCTIONALITY NOT AVAILABLE

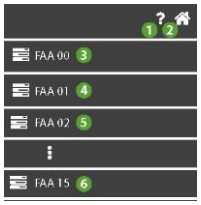
CONTROLLERS DISCOVERY

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.

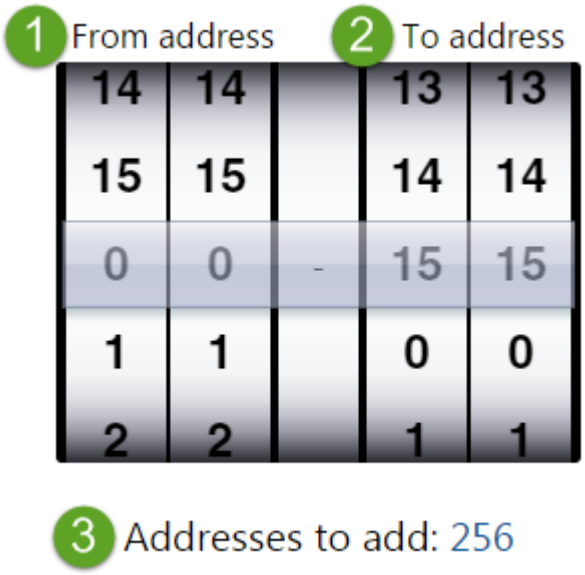
   ⋮

6. **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:

© 2021 Eliwell - All right reserved



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.

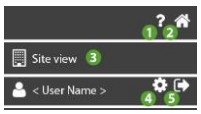
ADDRESS SELECTION

Title bar

1. ✖: closes the screen and goes to the Site view page.

Menu bar

This area includes:



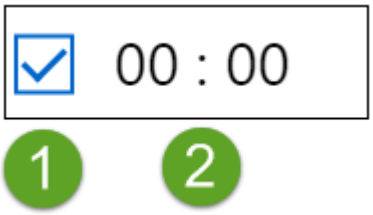
1. : opens the Online Help. The first screen is that of the current page.
2. : goes to the Site list page.

© 2021 Eliwell - All right reserved

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

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p74

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.

© 2021 Eliwell - All right reserved

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:



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:



1. **Recipient activation**: **OFF** if the recipient is not active; **ON** if the recipient is active.
2. **Name**: name assigned to the notifications recipient.

© 2021 Eliwell - All right reserved

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.

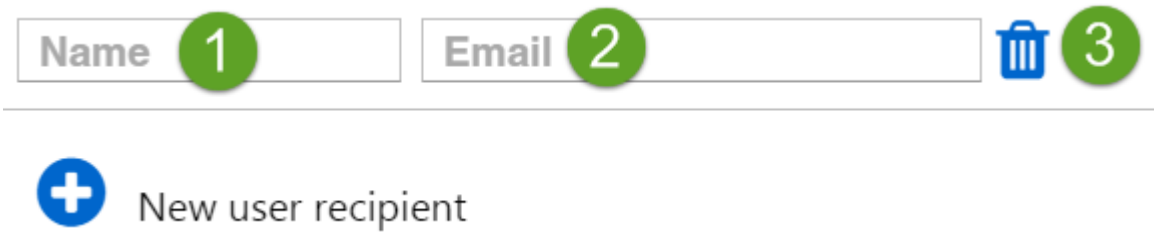
RECIPIENTS LIST

Title bar

1. : closes the screen and goes to the Notifications recipients page.

Data window

The fields to be compiled are:



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

© 2021 Eliwell - All right reserved

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.

COMMANDS AND PARAMETERS

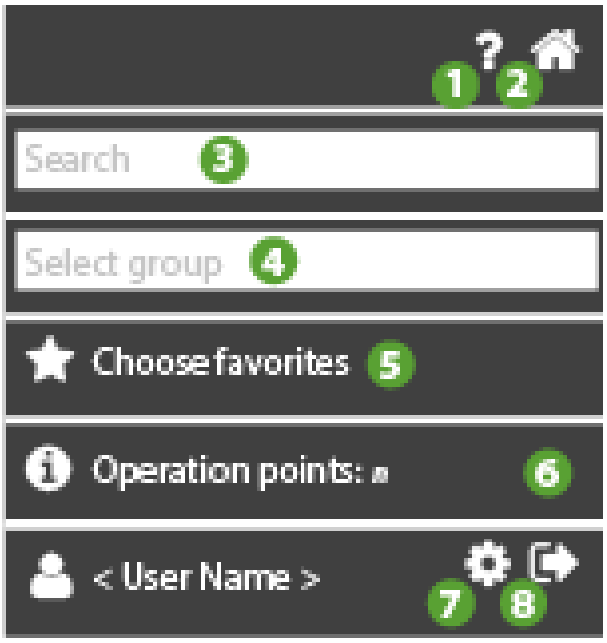
Title bar

1. : closes the screen and returns to the Site view or Controllers page.

Menu bar

This area includes:

© 2021 Eliwell - All right reserved



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.

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p80

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:



© 2021 Eliwell - All right reserved

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:



1. ☐: controller selection box.

© 2021 Eliwell - All right reserved

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. Measure Unit
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 user: 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

© 2021 Eliwell - All right reserved

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

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p84

With just one controller selected, see case A

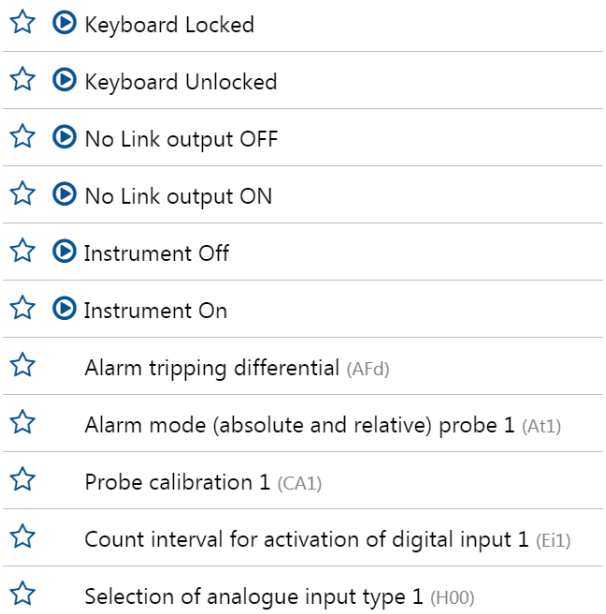
With more than one controller selected (example)see case B



1. controller selection
2. access to the page Commands and parameters

Case A: commands/parameters for single controller

The information includes (example):



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

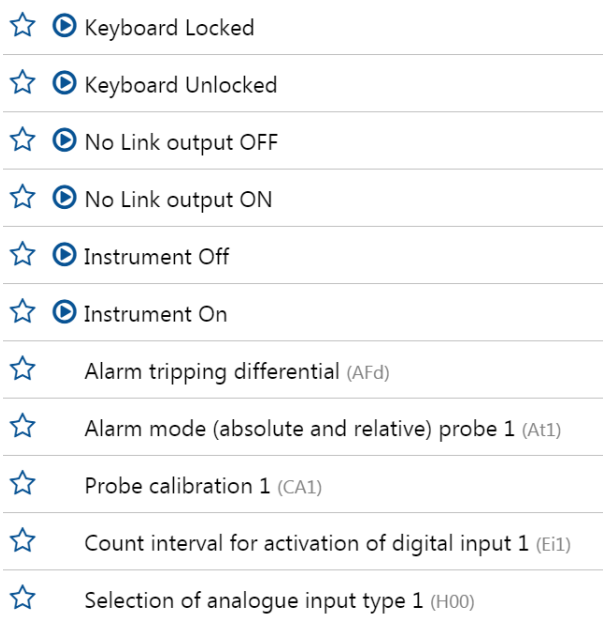
In contrast to the case with just a single controller, there will be heading of the type:

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

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):



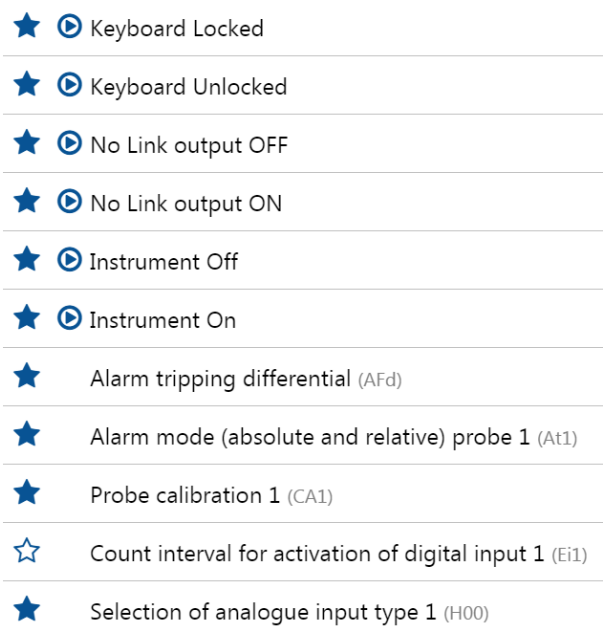
Note. Displays the complete list of commands and parameters in the application. The image shows a sub-group.

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:



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

View favorites

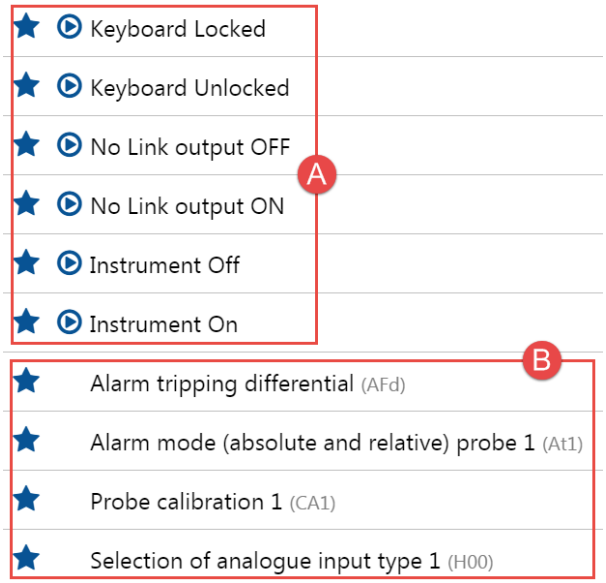
After quitting and re-entering, the selected commands/parameters are displayed at the top of the list:

A. first the commands

© 2021 Eliwell - All right reserved

B. then the parameters

The information includes:



Contextual Controls

To add to favorites, close the screen page ✖

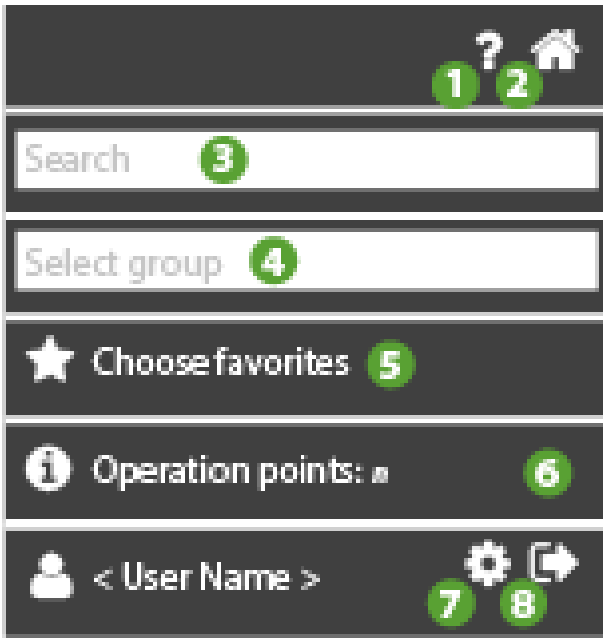
COMMANDS AND PARAMETERS CONFIGURATION

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.

© 2021 Eliwell - All right reserved

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:



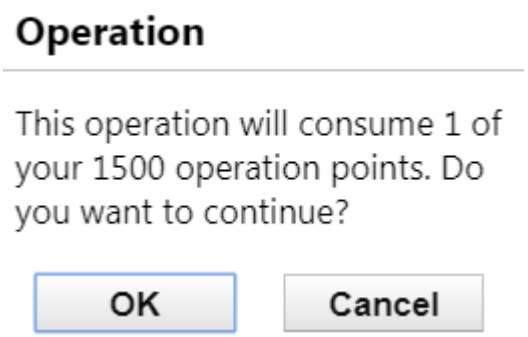
1. : controller selection box.
2. : command selection.
3. **Name** of command/parameter and label (for example, Probe Calibration (CA1))
4. Permitted range: (example 0...2, -999.0....999.0),
5. value (if read) and
6. Unit of Measure
7. **New value:** editable field in which to enter the parameter value.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

COMMANDS

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

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p90

1. The following screen appears:



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

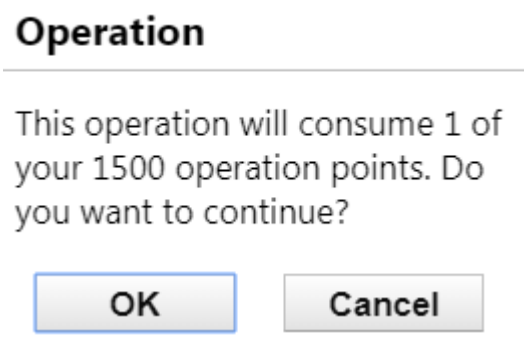
Reading parameters

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

- indicating the expenditure of 1 operation point

1. The following screen appears:

© 2021 Eliwell - All right reserved



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:

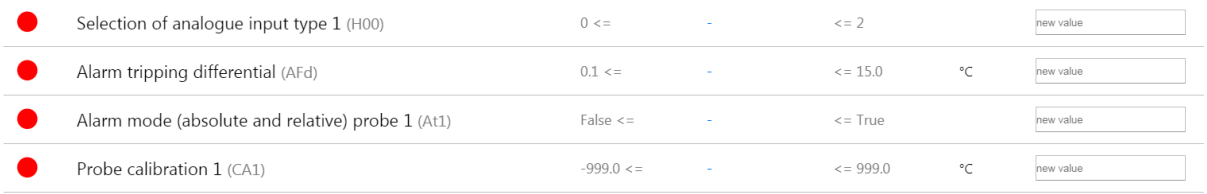


A. green: the reading operation was successful.

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:



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

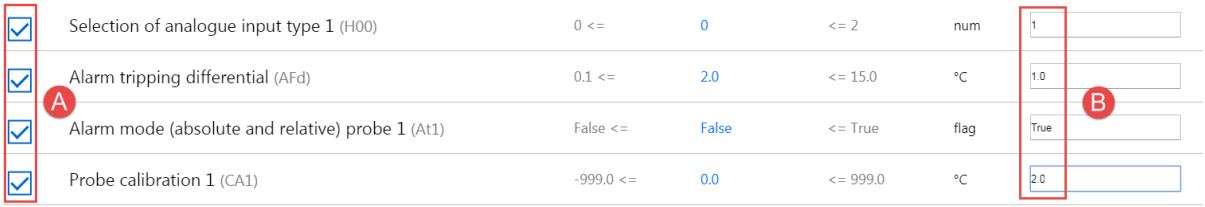
© 2021 Eliwell - All right reserved

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

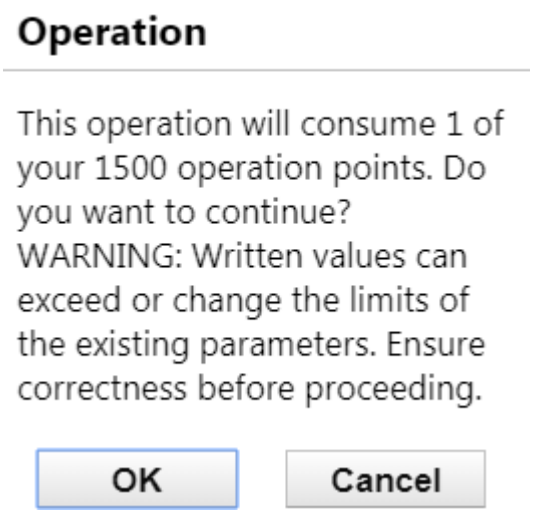
NOTE. If the field **New value** is not completed, a message will be displayed prompting you to enter the new value for the selected parameter.
Enter the values you wish to write:



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):



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

© 2021 Eliwell - All right reserved

- 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:



A. the writing operation was successful

B. new default value

C. new value written

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>.

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:

© 2021 Eliwell - All right reserved



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

REPORTS

Title bar

1. ✖: closes the screen and goes to the Site View.

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p95

Menu bar

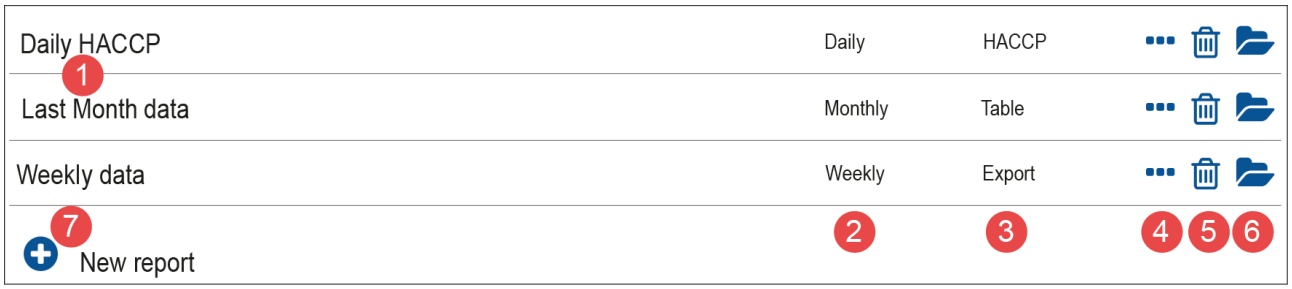
This area includes:



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:



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. **Report type**: indicates the type of set Report (HACCP, Table or Export)

© 2021 Eliwell - All right reserved

4. : used to edit the report. Closes the screen and goes to the Report configuration page.
5. : deletes the relative report. **WARNING**: deleting a report also deletes all the PDF copies of the report saved on the cloud.
6. : accesses all PDF copies of the report saved on the cloud (identified by the date of execution) and downloaded by pressing the icon .
7. : adds a new report. Closes the screen and goes to the Report configuration page.

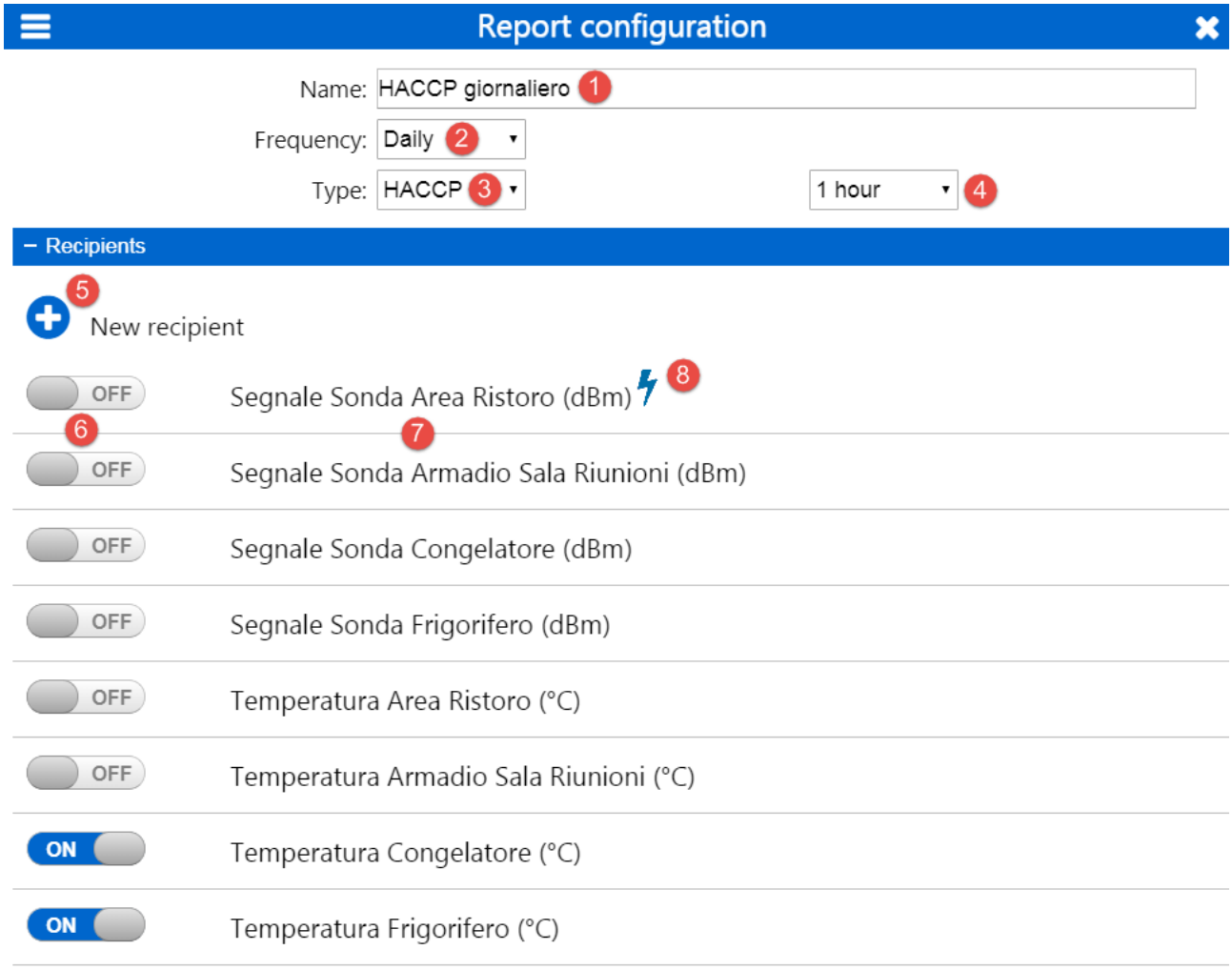
REPORT CONFIGURATION

Title bar

1. : closes the screen and goes to the Report List page.

Data window

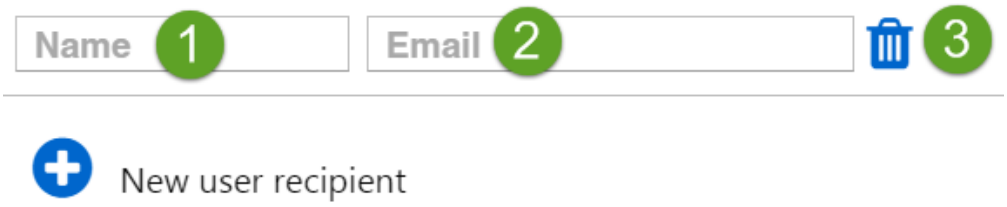
From top to bottom, the fields are:



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. See HACCP report.
    - Table type report: PDF with value in table format
    - export type report
4. **Sampling**: It set the data sampling interval (present only if Type = "HACCP")

© 2021 Eliwell - All right reserved

5. : **New user recipient** adds a new report recipient:



4.
    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.
5. **Resource**: **OFF** the resource will not be entered in the report; **ON** the resource will be entered in the report.
6. **Description**: description of the resource.
7. 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.

HACCP REPORT

Configuration

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p99

In Report settings, select the **HACCP** type, depending on the **Frequency**, for:

1. If **Frequency** is daily:
   - **Timed validity**: from 00:00 to 23:59 of the corresponding day
   - **Data sampling interval**: can be set as 1 h, 2 h, 3 h, 6 h, 12 h.
2. If **Frequency** is weekly:
   - **Timed validity**: from 00:00 Monday to 23:59 of the following Sunday
   - **Data sampling interval**: can be set as 1 h, 2 h, 3 h, 6 h, 12 h, 1 day.
3. If **Frequency** is monthly:
   - **Timed validity**: from 00:00 on the first day of the month to 23:59 on the last day of the month
   - **Data sampling interval**: can be set as 1 h, 2 h, 3 h, 6 h, 12 h, 1 day, 1 week.

Reports

From top to bottom, the fields in the report are:

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p100

Gateway 000001 1
My desktop 2

Televis Blue

Daily HACCP - 2 hour | From 23/11/2018 00:00 To 23/11/2018 23:00
3 4 5

Date	00:00 RTD 600/V Control probe 1	00:01 LKD SC - Leak Detector Gas concentration	00:02 ID 985 LX Analogue input 1	00:03 ID 985LX HOT GAS Analogue input 1 6	01:02 EWSense Gate Channel 5 - RSSI	01:02 EWSense Gate Channel 0 - Temperature	01:02 EWSense Gate Channel 5 - RSSI	01:02 EWSense Gate Channel 5 - Temperature
23/11/2018 00:00	**	22	25.5 °C	26.6 °C	-61 dBm 23/11/2018 1:07	22.6 °C	-52 dBm	22.5 °C
23/11/2018 02:00	**	21	25.3 °C	26.3 °C	-49 dBm	22.7 °C	-53 dBm	22.5 °C
23/11/2018 04:00	**	20	25.6 °C	26.8 °C	-56 dBm	22.9 °C 23/11/2018 05:02	-54 dBm	22.9 °C
23/11/2018 06:00	**	20	25.5 °C	26.7 °C	-62 dBm	25.3 °C	-54 dBm	24.1 °C
23/11/2018 08:00	**	21	25.3 °C	26.5 °C	-61 dBm	24.2 °C	-63 dBm 23/11/2018 8:57	24 °C 23/11/2018 8:57
23/11/2018 10:00	**	21	25.2 °C	26.4 °C	-61 dBm	23.9 °C	-63 dBm	23.9 °C
23/11/2018 11:00	**	20	24.7 °C	25.6 °C	-56 dBm	24.1 °C	-67 dBm	24.2 °C
23/11/2018 13:00	**	18	24.5 °C	25.3 °C	-61 dBm	24 °C	-64 dBm	24.1 °C
23/11/2018 15:00	**	16	23 °C	23.5 °C	-61 dBm	24.4 °C	-65 dBm	24.4 °C
23/11/2018 17:00	**	20	26.5 °C	27.7 °C	-60 dBm	24.5 °C	-62 dBm	24.5 °C
23/11/2018 19:00	**	19	26.2 °C	27.3 °C	-60 dBm	25.5 °C	-68 dBm 23/11/2018 19:12	25.4 °C 23/11/2018 19:12
23/11/2018 21:00								
…								
…								

7

8

Disclaimer: scopo di questo report è consentire all'utente la registrazione e la stampa dei dati di temperatura a cui gli alimenti sono conservati. Il report, in quanto tale, non costituisce dunque garanzia di una corretta e appropriata conservazione in base alle norme applicabili. E' responsabilità dell'utilizzatore assicurarsi che il report e le relative condizioni di misura siano conformi alla normativa applicabile nel settore di utilizzo.

:Questo simbolo indica che il valore della risorsa riportato nella cella è il primo valore disponibile nel periodo pari al doppio dell'intervallo di campionamento, successivo al Timestamp indicato nel corrispondente campo Data.

Created: 24/11/2018 11:01 Page 1 / 1

1. Indicates the **Name** assigned to the site.
2. Indicates the **Address** of the site location.
3. Indicates the Type of HACCP report selected (Daily in the example).
4. Indicates the set **Data sampling interval**.
5. Indicates the time interval analyzed by the report.
6. The heading indicates the resources displayed and the paired instrument.
   NOTE: the maximum number of columns that can be displayed on a page (excluding Date/Time) is 8.
7. Values read within the specified time interval.
   A series of symbols may be shown in the table, with the following meanings:
   - "*": indicates the “Probe error” condition
   - "--": indicates a "No-Link” alarm condition
   - : indicates the time band in which the resource became available within

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 |

the sampling interval, if different from the moment at which the other resources were acquired.

8. Disclaimer.

HOW TO READ THE REPORT

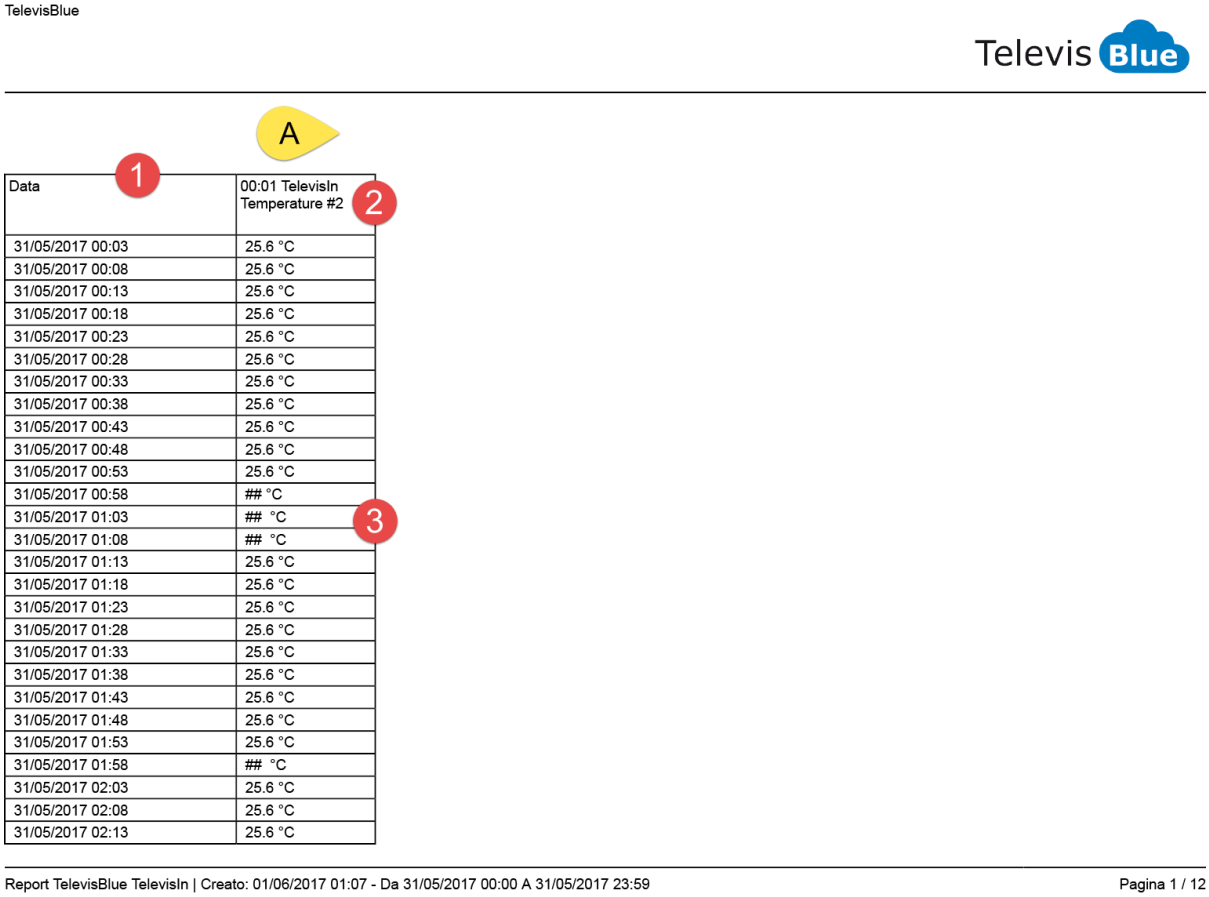
There can be three kinds of reports:

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:

© 2021 Eliwell - All right reserved



TelevisBlue

Televis Blue

A

Data (1)	00:01 TelevisIn Temperature #2 (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 (3)
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

Report TelevisBlue TelevisIn | Creato: 01/06/2017 01:07 - Da 31/05/2017 00:00 A 31/05/2017 23:59 Pagina 1 / 12

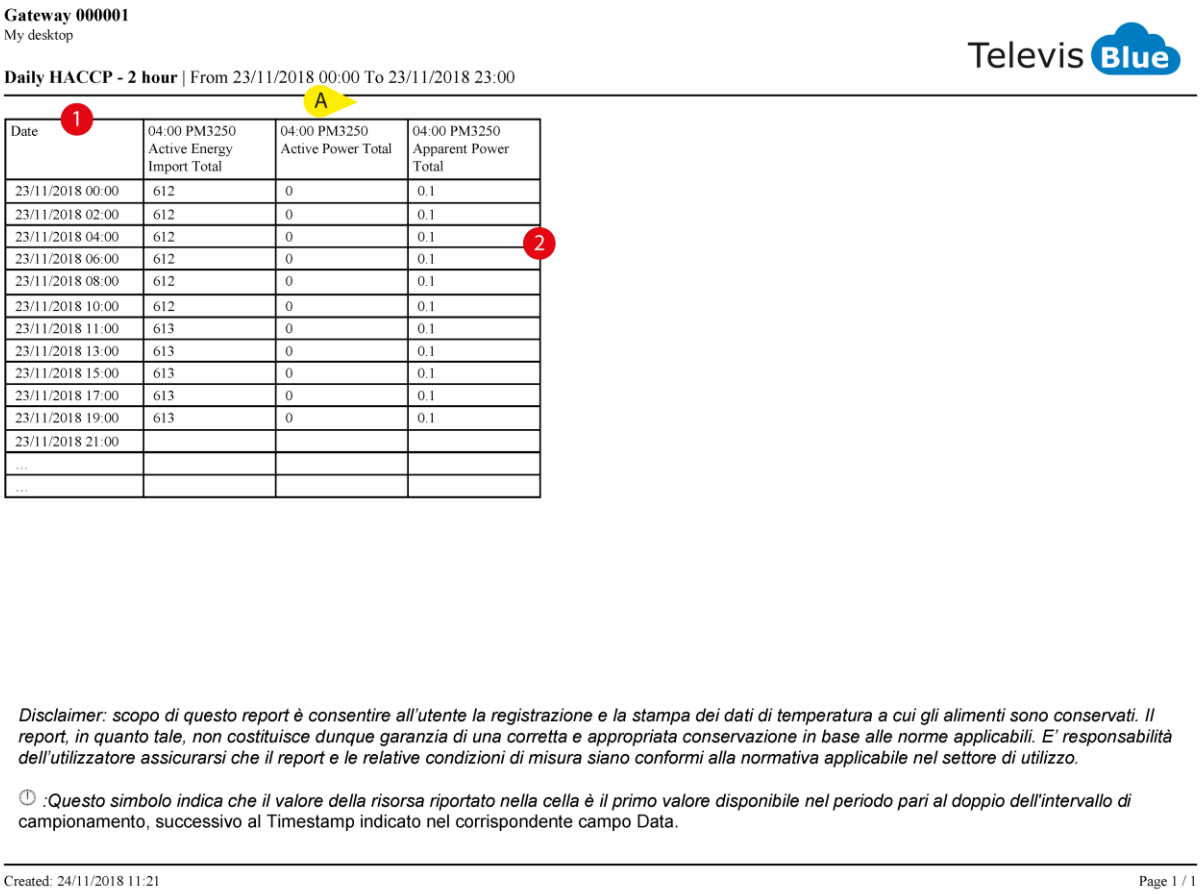
A. Resource type

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:

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p103



Gateway 000001
My desktop

Daily HACCP - 2 hour | From 23/11/2018 00:00 To 23/11/2018 23:00

Televis Blue

Date (1)	04:00 PM3250 Active Energy Import Total	04:00 PM3250 Active Power Total (A)	04:00 PM3250 Apparent Power Total
23/11/2018 00:00	612	0	0.1
23/11/2018 02:00	612	0	0.1
23/11/2018 04:00	612	0	0.1
23/11/2018 06:00	612	0	0.1
23/11/2018 08:00	612	0	0.1
23/11/2018 10:00	612	0	0.1
23/11/2018 11:00	613	0	0.1
23/11/2018 13:00	613	0	0.1
23/11/2018 15:00	613	0	0.1
23/11/2018 17:00	613	0	0.1
23/11/2018 19:00	613	0	0.1
23/11/2018 21:00			
...			
...			

(2)

Disclaimer: scopo di questo report è consentire all'utente la registrazione e la stampa dei dati di temperatura a cui gli alimenti sono conservati. Il report, in quanto tale, non costituisce dunque garanzia di una corretta e appropriata conservazione in base alle norme applicabili. E' responsabilità dell'utilizzatore assicurarsi che il report e le relative condizioni di misura siano conformi alla normativa applicabile nel settore di utilizzo.

:Questo simbolo indica che il valore della risorsa riportato nella cella è il primo valore disponibile nel periodo pari al doppio dell'intervallo di campionamento, successivo al Timestamp indicato nel corrispondente campo Data.

Created: 24/11/2018 11:21 Page 1 / 1

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.

REAL-TIME

Title bar

1. ✖: closes the screen and goes to the Site view page.

Menu bar

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p104

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 program. **NOTE**: If pressed, opens a pop-up window asking you to confirm.
5. : display the information corresponding to the number of minutes available in the current month.
6. : displays the number of minutes used in the current month.

   NOTE: every Real Time session uses 10 minutes for each instrument selected (corresponding to 10 readings).

   If you select 10 instruments, all the minutes for the month will be used up in a single Real Time session.

Data window

You will be asked to select the controller and press :

The following information will be present on the page that opens:

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p105



1. **Session**: indicates the start and end of the displayed session.
2. **Resource**: description of the resource.
3. **Value**: shows the last value read by the resource.
   Each session 10 readings will be carried out for each instrument and will use 10 minutes.
   If several instruments are selected, the number of minutes used will be: **Total minutes used = 10 * no. of instruments**.
4. **Unit of Measure**: indicates the unit of measure for the read value.
5. : goes to the History Table page.
6. : goes to the History chart page.

© 2021 Eliwell - All right reserved

TelevisGate PACK

GENERAL INFORMATION

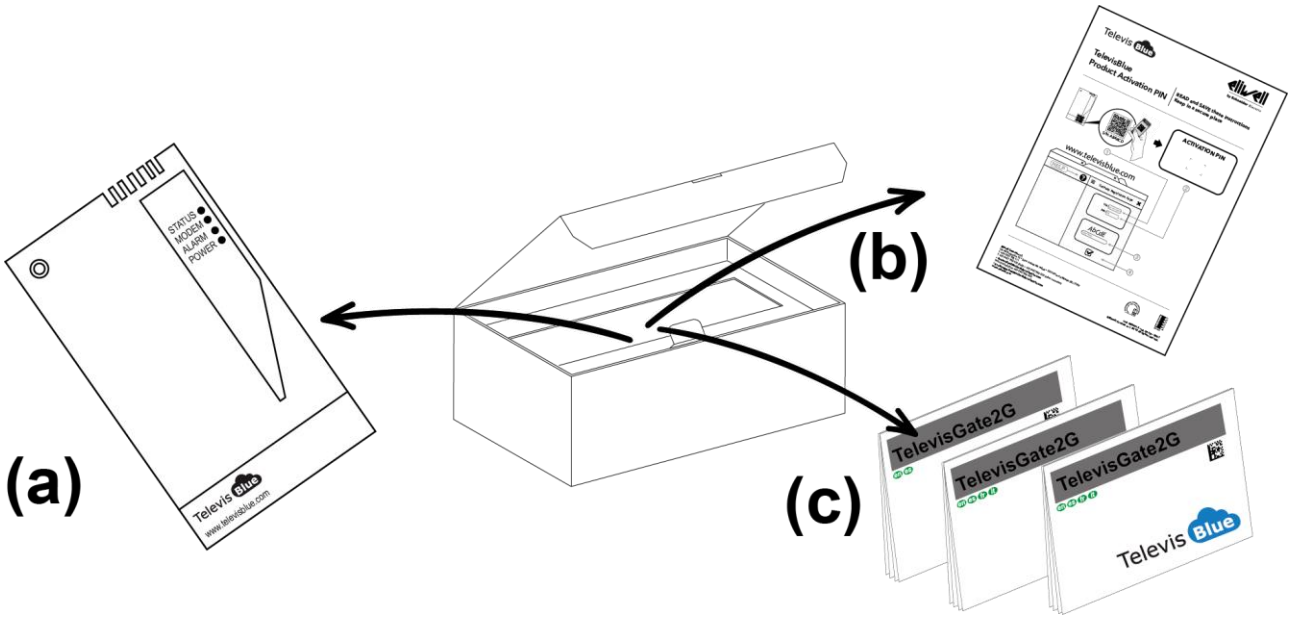
TelevisGate 2G is an interface device that connects Eliwell and third party controllers via RS485 to the Cloud application TelevisBlue

(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)

© 2021 Eliwell - All right reserved

- Cable clamp for anchoring the power cable

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.

© 2021 Eliwell - All right reserved

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

The liability of Schneider Electric and Eliwell is limited to the correct and professional use of the product according to the directives referred to herein and in the other supporting documents, and does not cover any damage (including but not limited to) the following causes:

- 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

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 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

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p109

suggested by good practice in view of obvious safety requirements, must be installed externally of the controller.

DISCLAIMER

This document is the exclusive property of Eliwell and may not be reproduced or divulged without the express authorisation of Eliwell. Utmost care has been taken in preparing this document. Nonetheless, Eliwell can take no responsibility for its use. The same applies to any person or company involved in preparing and editing this document. Eliwell reserves the right to make changes or improvements at any time without notice.

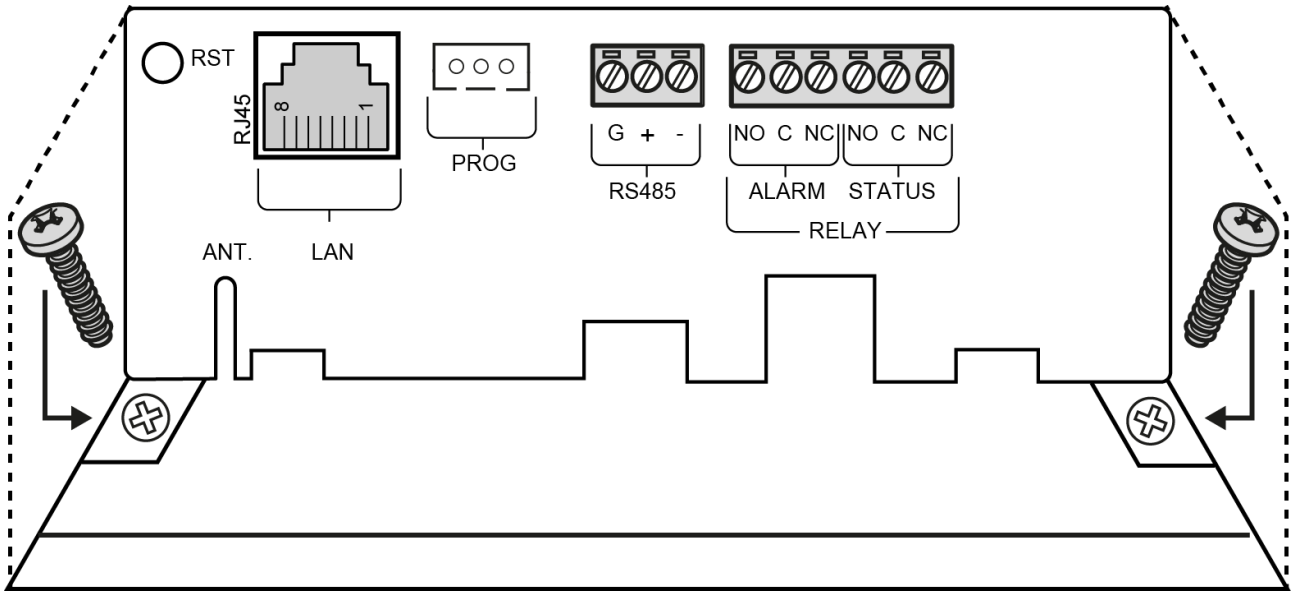
DISPOSAL



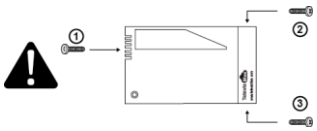
The equipment (or product) must be subjected to separate waste collection in compliance with the local legislation on waste disposal.

INSTALLATION

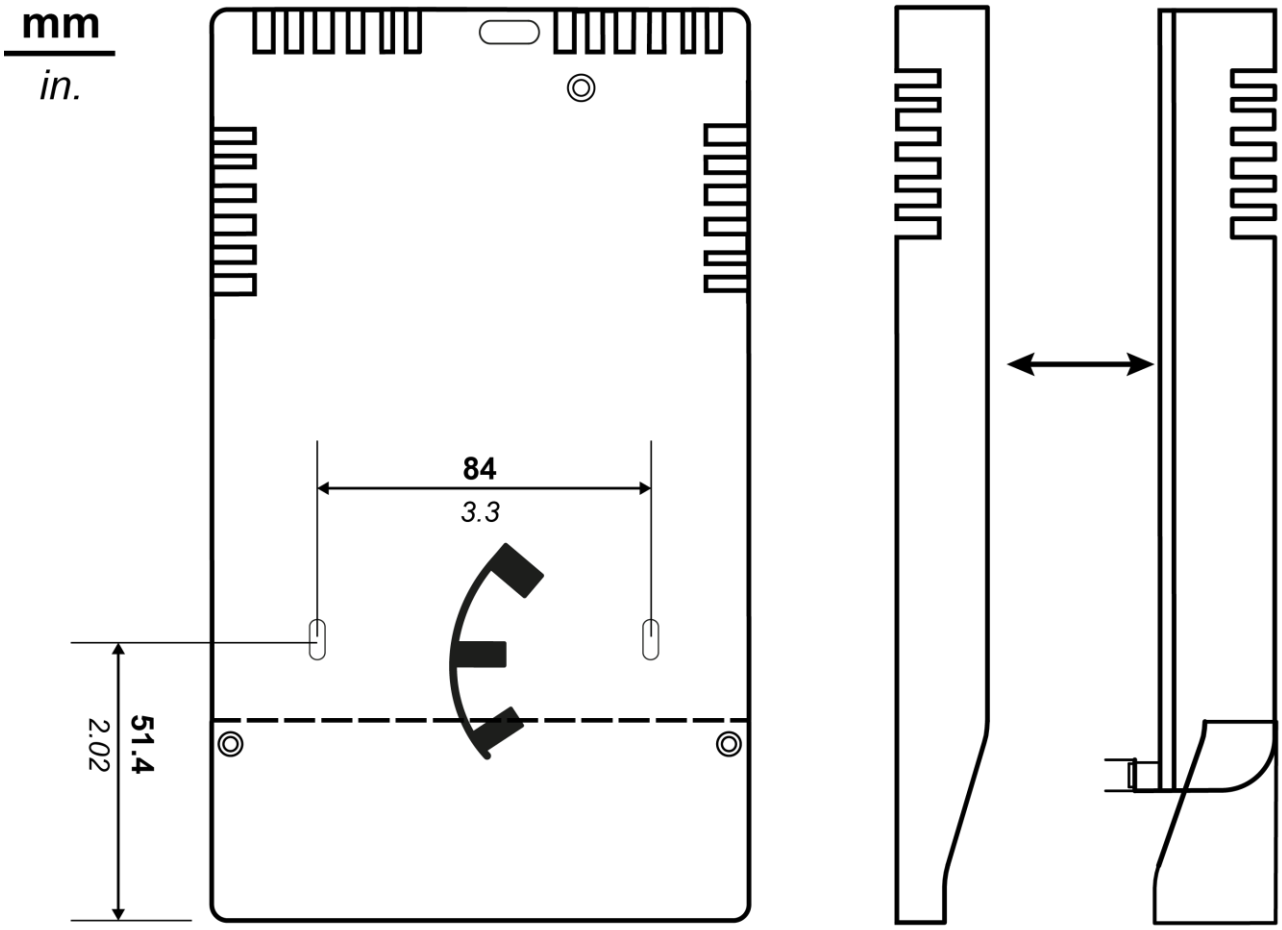
The TelevisGate 2G was designed for wall or panel-mounting.
With the device switched off, remove the service door in the lower part and then remove the 2 screws shown in



Then remove the screw on the back:



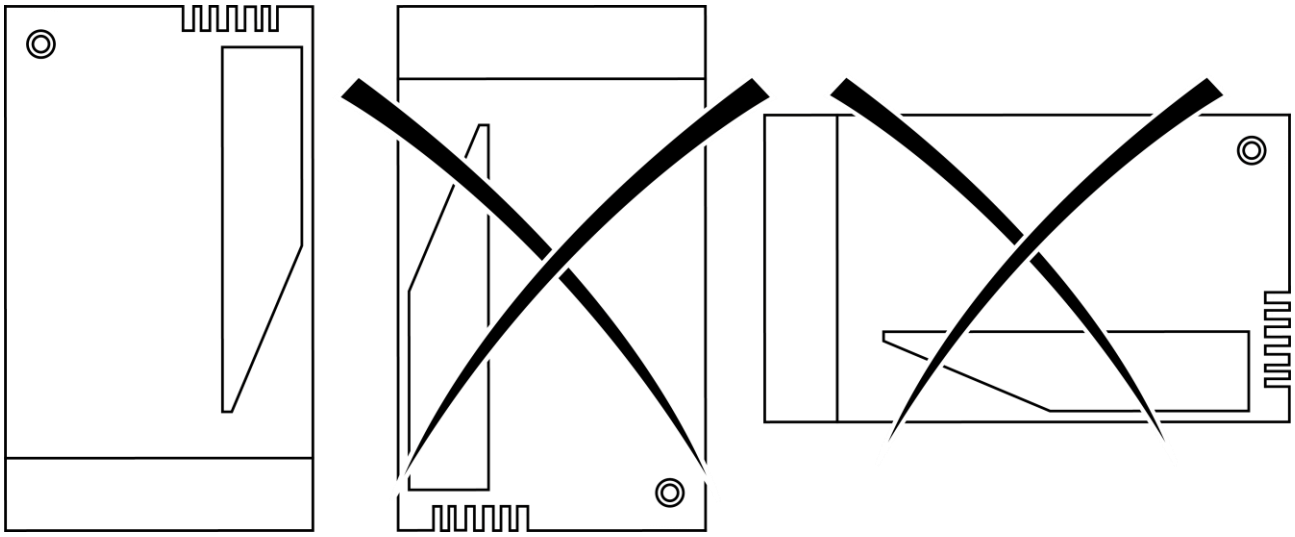
Secure the backplate of the device to the wall/panel with 3 screws+plugs S6 (supplied) matching up the holes shown in the figure:



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

Install the gateway vertically only as shown in the figure:

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p111



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

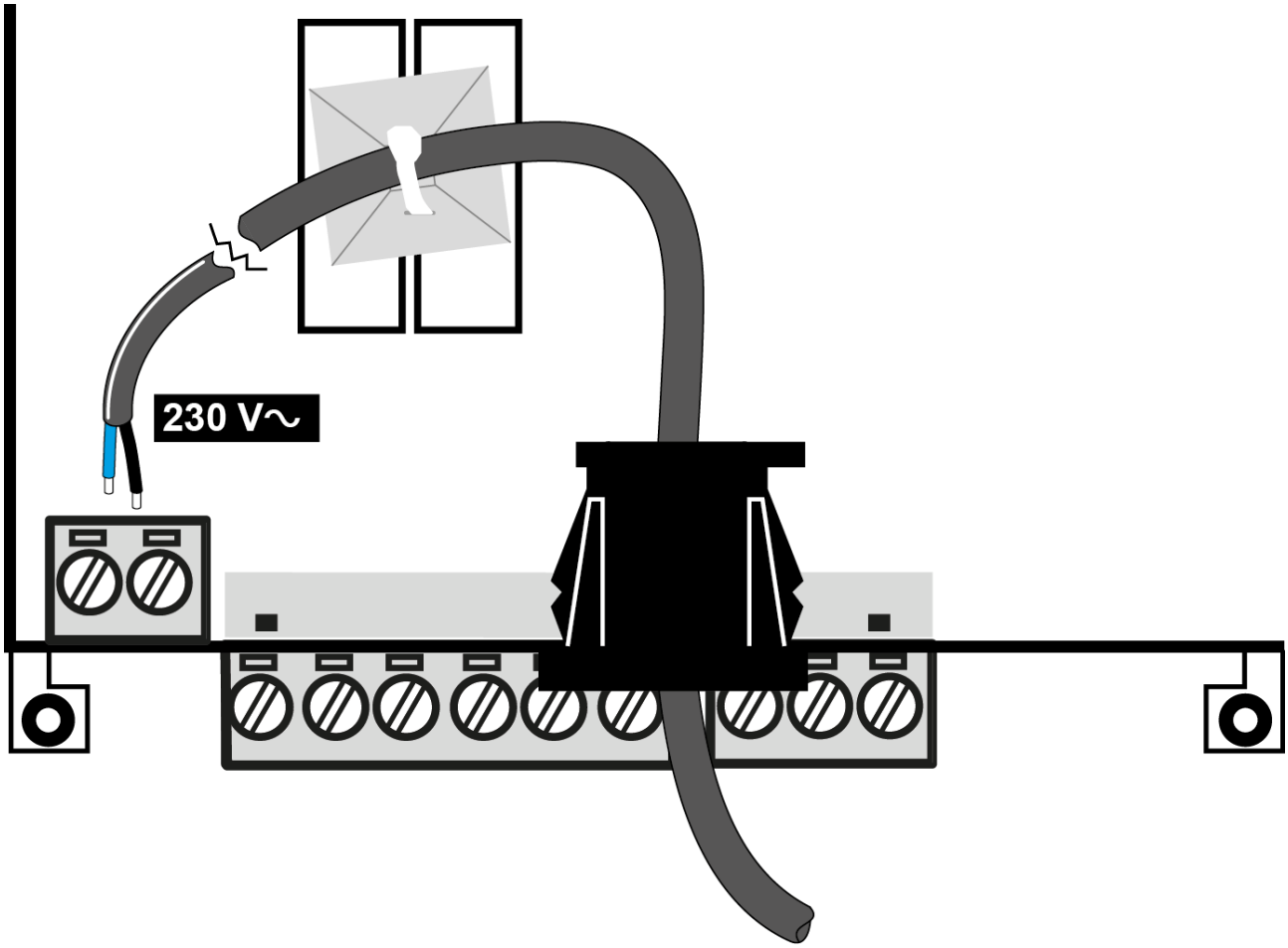
The power connector is inside the TelevisGate 2G and can be accessed only after removing the cover.

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:

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p112



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.

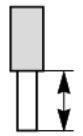
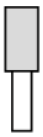
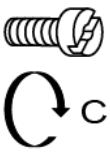
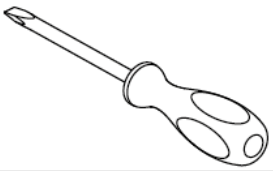
Use of a two-pole cable with double round insulating sleeve 2x0.75mm^2 (external diameter 5.6 mm to 7.4 mm) H03VV-F or equivalent is recommended.

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:.

© 2021 Eliwell - All right reserved

					
7 mm *0.27 in.*	1.5...2.5 mm² *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 mm^2 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.

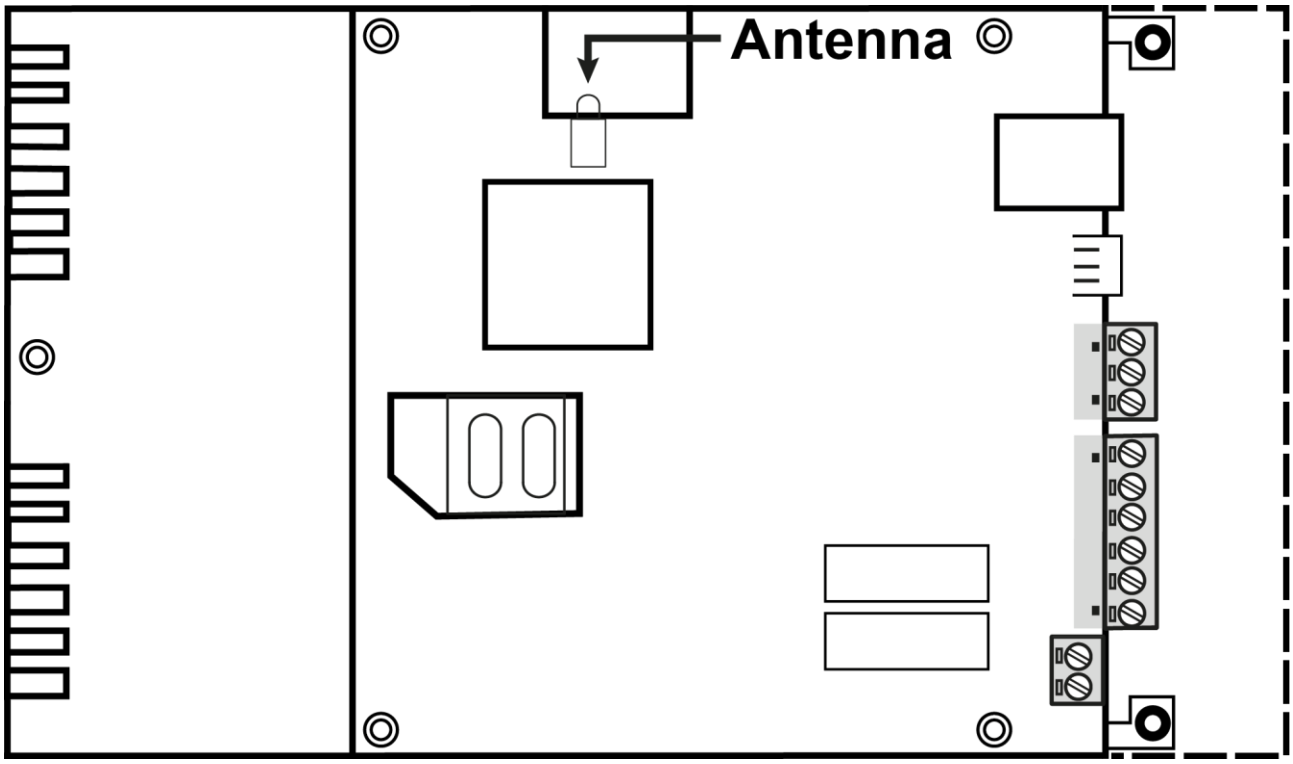
Remember to insert a 120 Ω, ¼ W resistor between the “+” and “-“ terminals of the last device in the network.

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

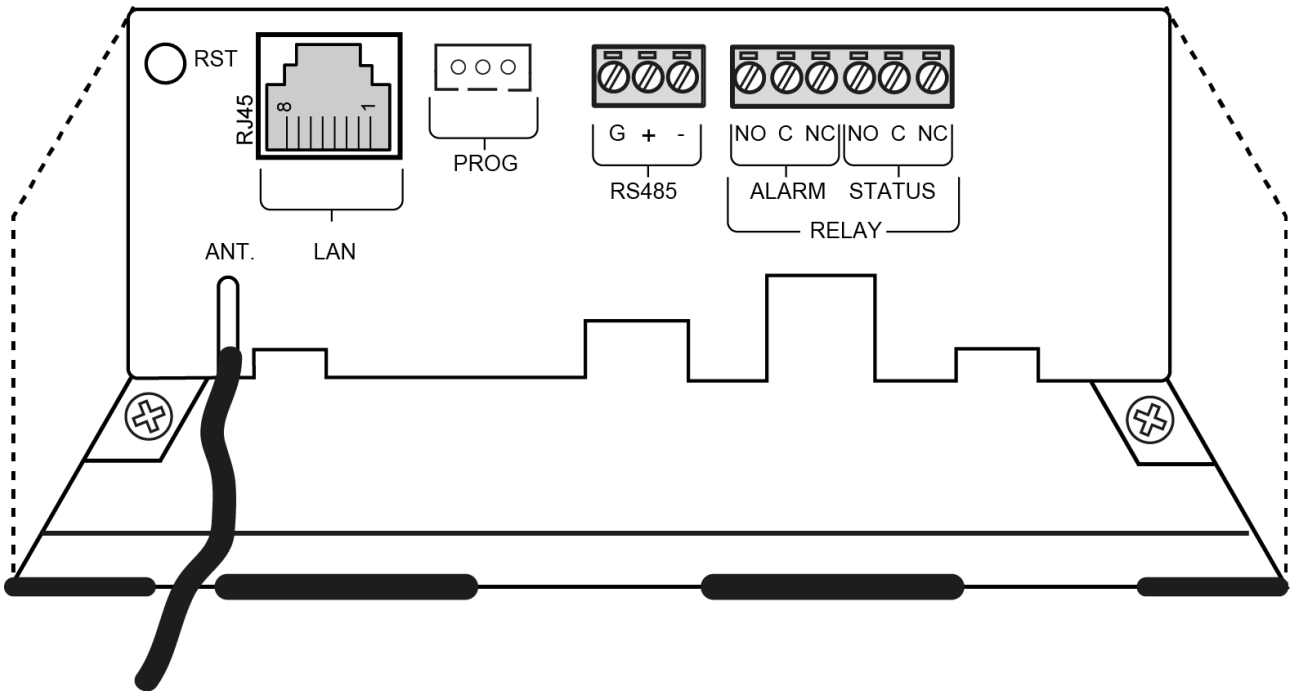
© 2021 Eliwell - All right reserved

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

© 2021 Eliwell - All right reserved

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.

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.

COMMUNICATION

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

Antenna Features	
Frequency	900/1800/2100 MHz
Alarm relay	SPDT 8 A 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 8 A max 30 Vac/dc
STATUS (Status relay)	SPDT 8 A 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 (32...122 °F)
Temperature: Water	-20...60 °C (-4...140 °F)

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p117

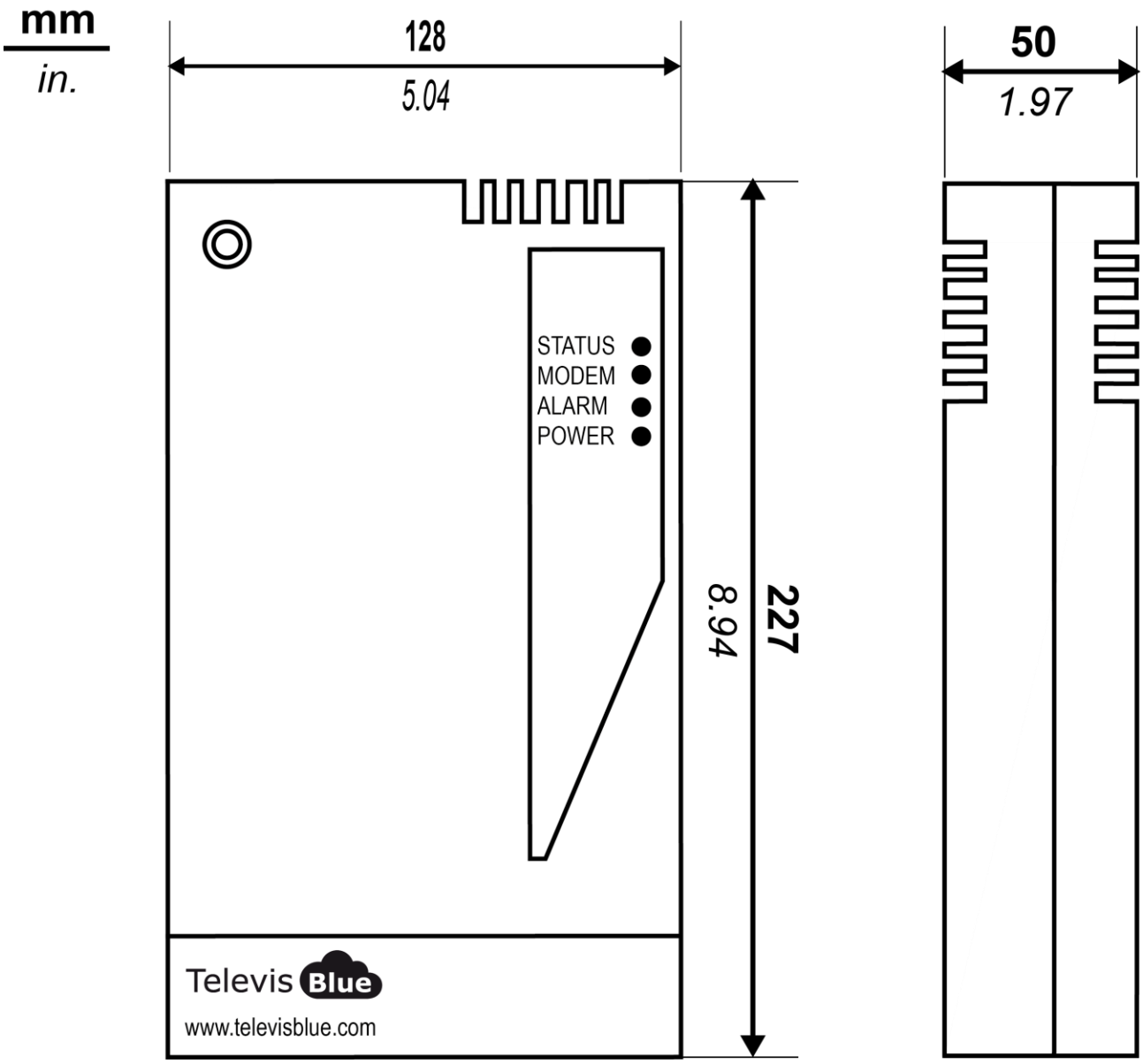
Humidity (use/storage)	10 ... 90% RH non-condensing
Power supply frequency	50/60 Hz
Maximum Consumption	40 mA
Software class	A
Insulation class	II

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

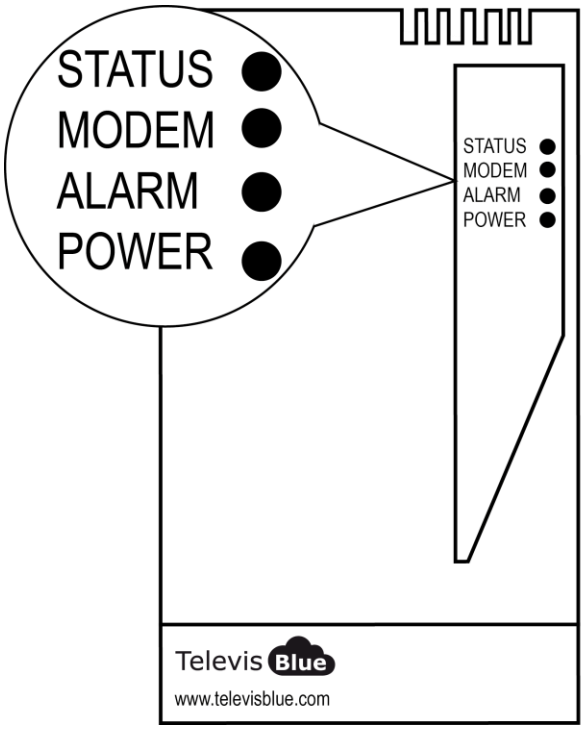
SIZES :.

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p118



LED

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p119



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

LED POWER

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

*check the mains connection

LED STATUS, MODEM, ALARM

LED	LED	LED	STATUS	ALARM	CAUSE

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p120

STATUS	MODEM	ALARM	RELAY	RELAY	RESOLUTION
ON (RED)	FAST BLINK (GREEN)	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 (GREEN)		NC		no communication with the Cloud Service: Contact the Technical Support
ON (GREEN)	SLOW BLINK (GREEN)	ON (RED) = ALARM* ON (GREEN) = NO ALARM	NO	NC = ALARM* NO = NO ALARM	Line in use - Data connection on

* 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

© 2021 Eliwell - All right reserved

TelevisBox PACK

GENERAL INFORMATION

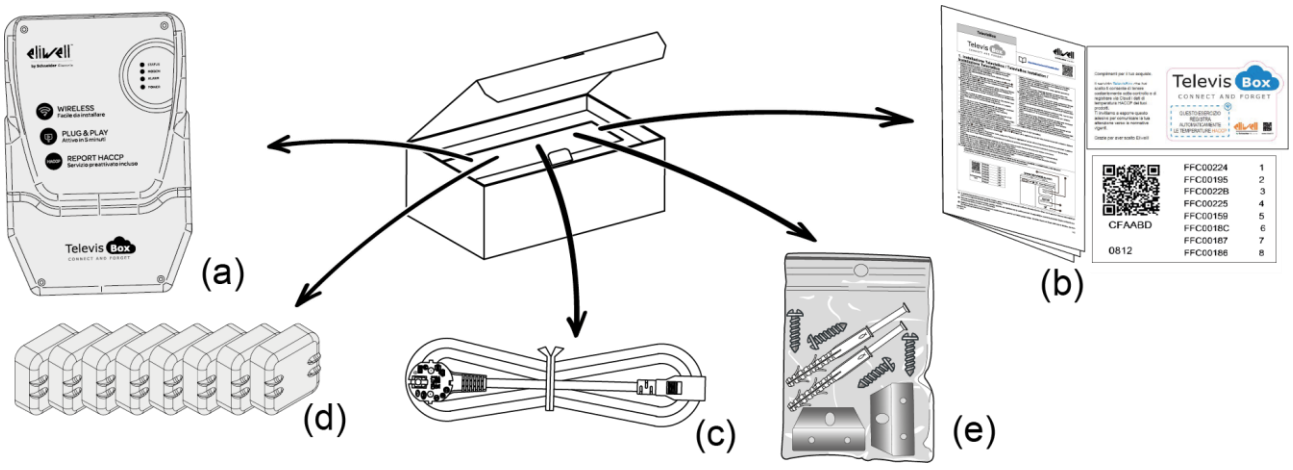
TelevisBox is a system for recording and reporting on food storage temperatures and indicating faults, with web access and based on temperature sensors featuring radio technology.

The system consists of:

- a series of **EWSense Temp** battery-powered temperature sensors with data transmission via preset ZigBee radio
- one **TelevisBox** device for wall installation, capable of receiving data from the temperature sensors and communicating with the **TelevisBlue** cloud server
- The **TelevisBlue** web portal (www.televisblue.com) which can be used to configure, view and manage all connected sensors

The system was designed to work exclusively with the pre-installed SIM cards in a defined set of countries (see list).

PACKAGE CONTENTS



The following can be found in the package:

- (a) **TelevisBox** instrument (with SIM card)
- (b) Multi-lingual data sheet, license and activation PIN
- (c) Power cable
- (d) **EWSense Temp** (x8)

© 2021 Eliwell - All right reserved

- (e) Bag containing box closure screws (x4), mounting brackets (x2) and KIT with plugs and screws for wall/surface mounting (x2)

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 centers, where there may be devices in use that are sensitive to external radio frequency signals. In health centers, where expressly instructed, the device must be switched off.

USE NEAR EXPLOSIVE MATERIALS

© 2021 Eliwell - All right reserved

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.

LIABILITY AND RESIDUAL RISKS

The liability of Schneider Electric and Eliwell is limited to the correct and professional use of the product according to the directives referred to herein and in the other supporting documents, and does not cover any damage (including but not limited to) the following causes:

- 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

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 in accordance with the harmonized European reference standards.

© 2021 Eliwell - All right reserved

PROHIBITED USE

Any use other than that expressly permitted is prohibited. The relays provided are of a functional type and can be subject to failure: any protection devices required by product standards, or suggested by common sense for obvious safety requirements, must be installed externally to the controller.

DISCLAIMER

This document is the exclusive property of Eliwell and cannot be reproduced or circulated unless expressly authorized by Eliwell. All possible care has been taken to ensure the accuracy of this document; nevertheless, Eliwell cannot accept liability for any damage resulting from its use. The same applies to any person or company involved in preparing and editing this document. Eliwell reserves the right to make aesthetic or functional changes at any time without notice.

DISPOSAL



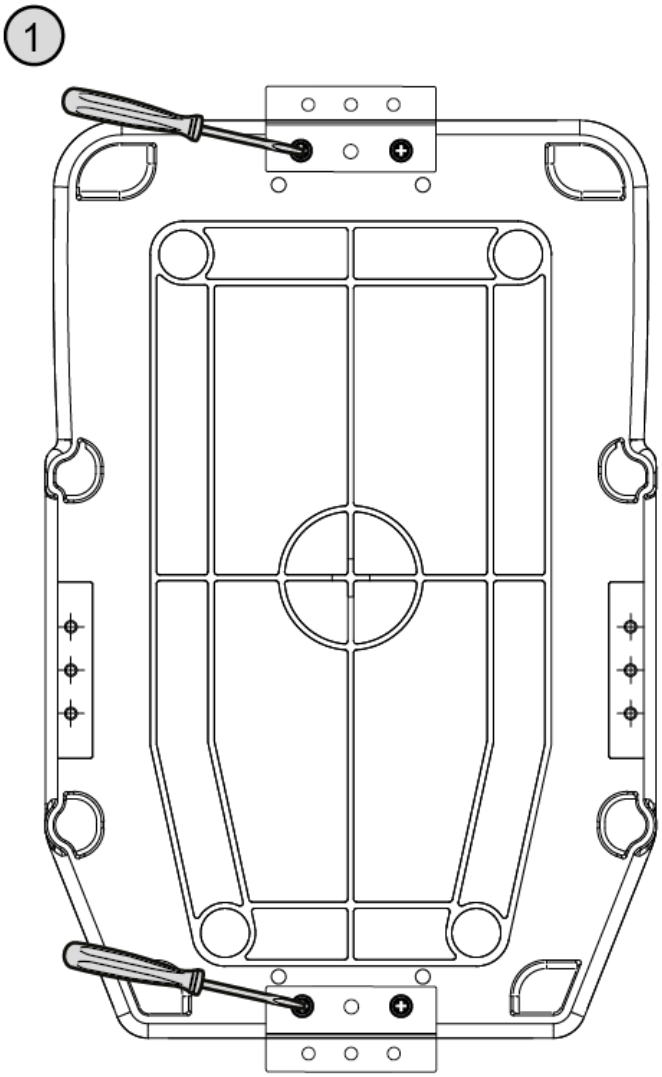
The equipment (or product) must be subjected to separate waste collection in compliance with the local legislation on waste disposal.

INSTALLATION

The TelevisBox was designed for wall or panel-mounting.

1. Fit the mounting brackets to the TelevisBox instrument:

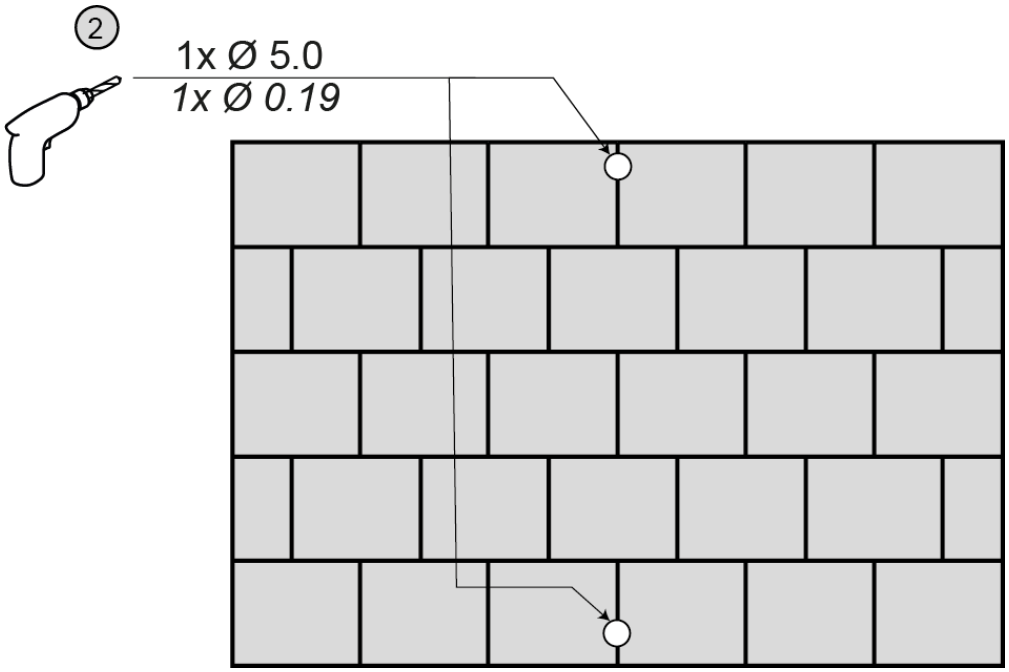
© 2021 Eliwell - All right reserved



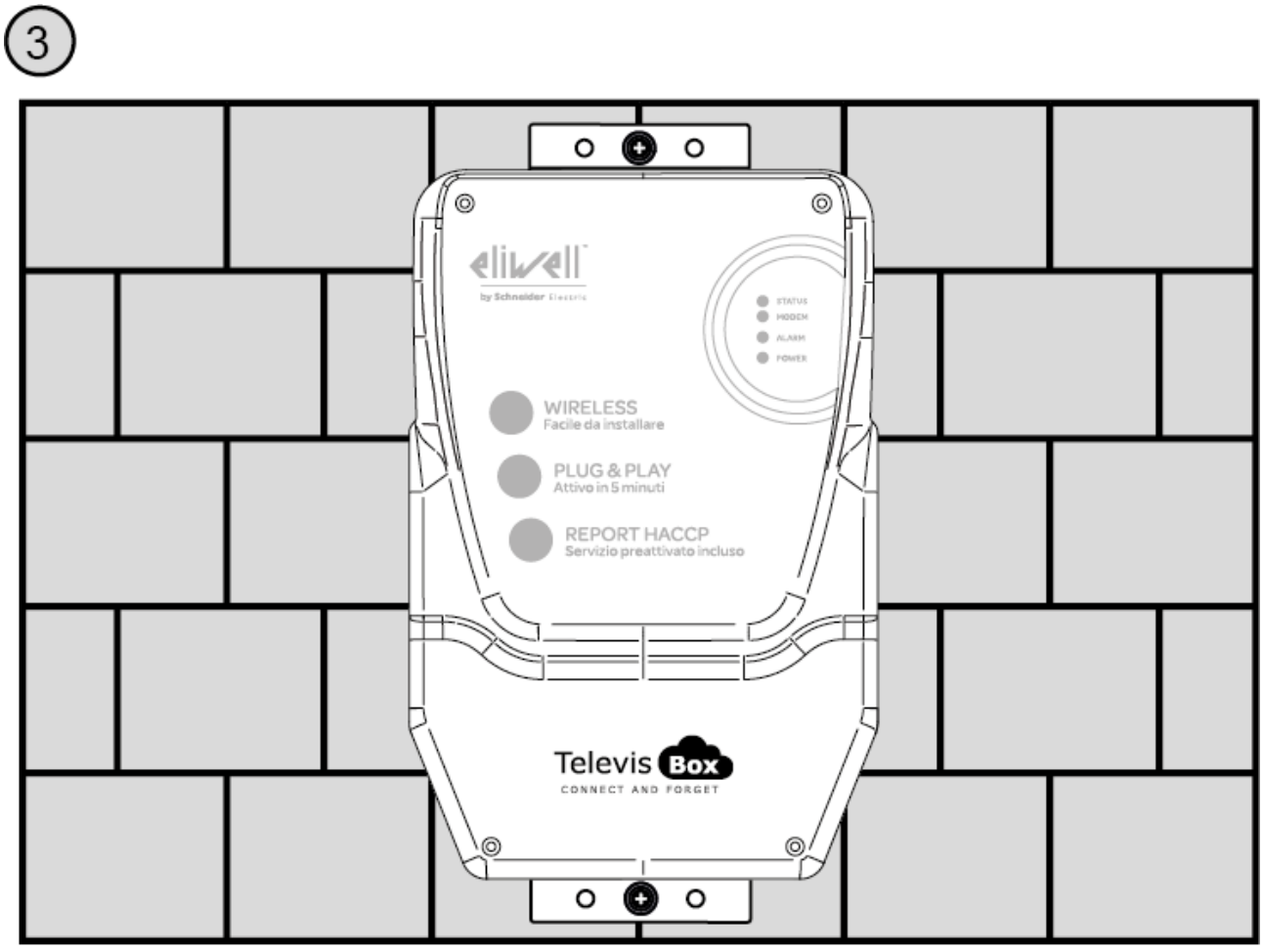
Ø 3.5 mm (*0.14 in.*)	C	N•m	0.5...0.6
		lb-in	*4.42...5.31*

2. Make the TelevisBox mounting holes in the wall/panel:

© 2021 Eliwell - All right reserved

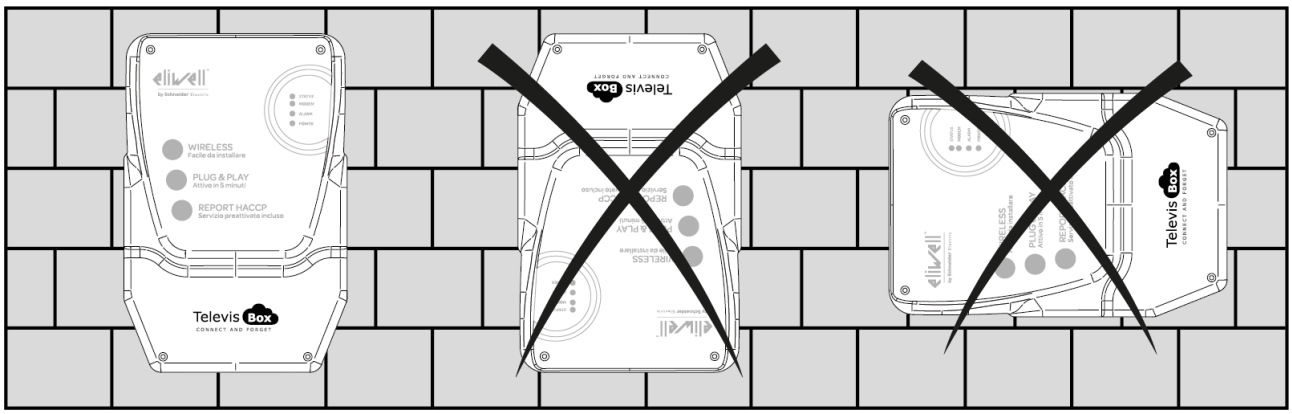


3. Fix the TelevisBox to the wall/panel using the screws and plugs supplied as shown in the picture:



© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p128

4. Install the TelevisBox 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.

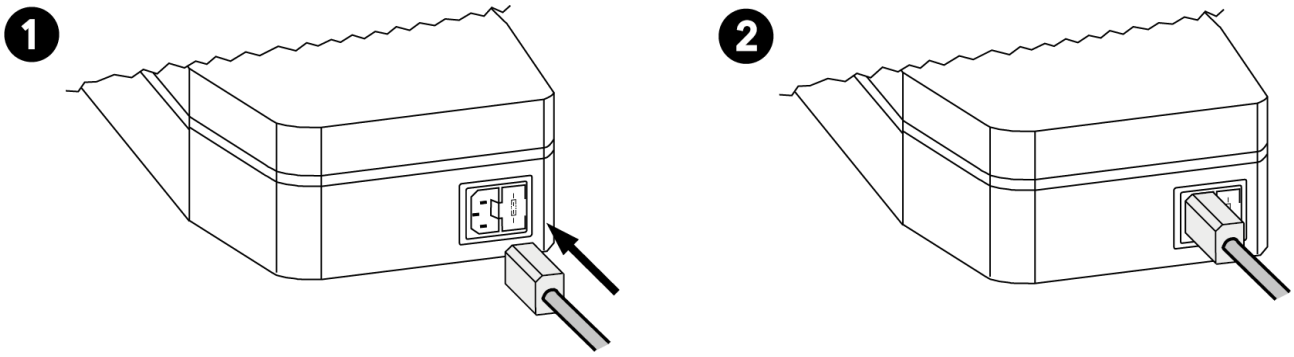
Note. Carefully read the label specifying the data plate information before installation.

CONNECTING TO THE NETWORK

Use the cable provided in the box or a cable with equivalent specifications (250 Vac, 10 A and 3 x 3G1 mm^2 wires, IEC60320 connector and IEC884 plug) and compliant with local regulations to power the TelevisBox. Install the TelevisBox in such a way that the power connector can easily be accessed.

The power cable connection procedure is as follows:.

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p129

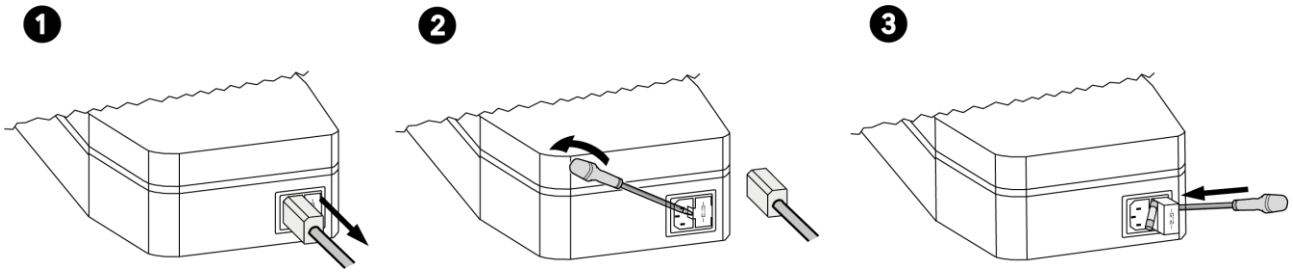


Note. For maintenance, use one or more isolating devices to separate the equipment from the mains power:

- 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.

REPLACING THE POWER SUPPLY FUSE

To replace the power supply fuse, proceed as follows:.



CLEANING (PRECAUTIONS)

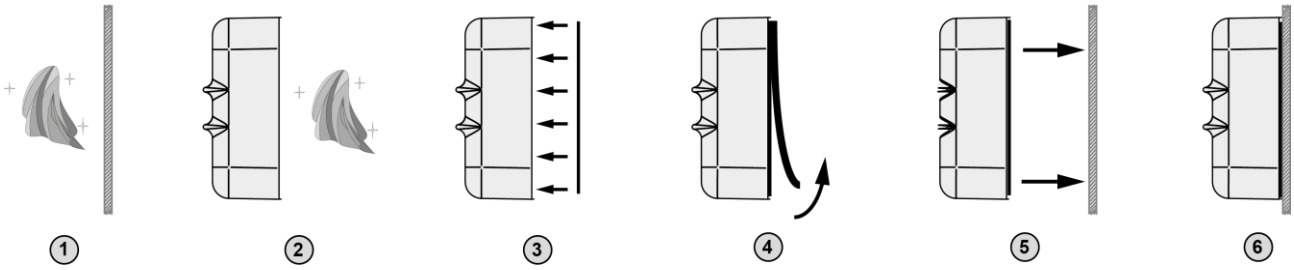
Avoid spraying water directly onto the equipment.

Use a damp cloth if you need to clean the TelevisBox.

EWSense Temp INSTALLATION

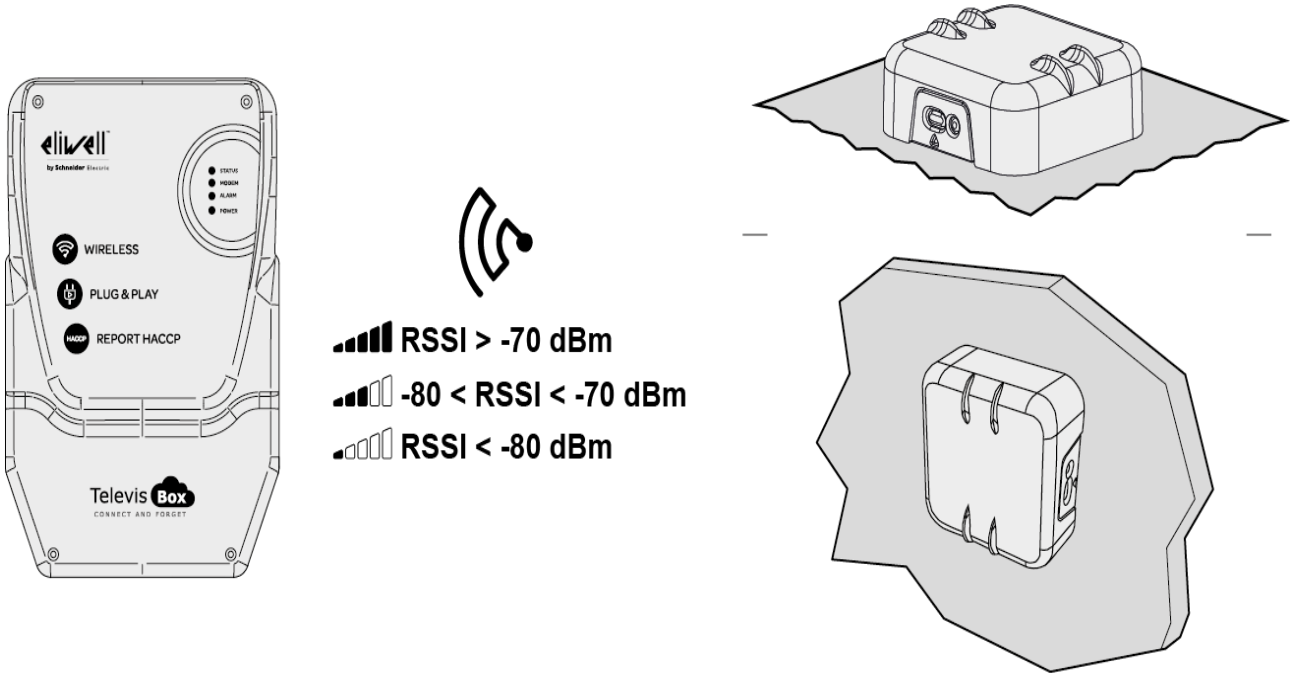
The **EWSense Temp** sensors are designed for installation on flat surfaces using double-sided tape:

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p130



EWSense Temp POSITION

Position the **EWSense Temp** sensors so that the signal strength is greater than -80 dBm:



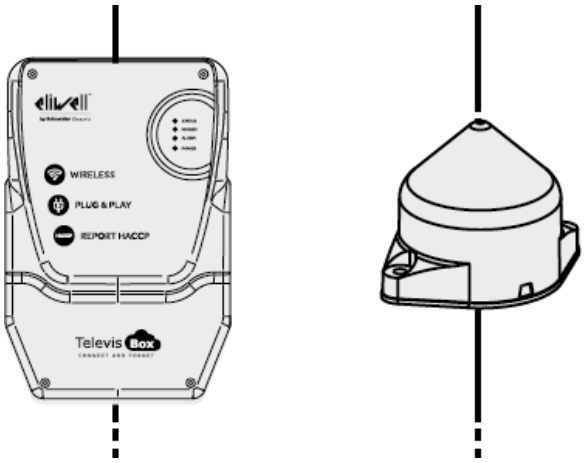
EWSense Repeater POSITION

The **EWSense Repeater** is required when the received signal power is lower than -80 dbm and should be installed between the sensor (EWSense Temp) and the EWSense Gate.

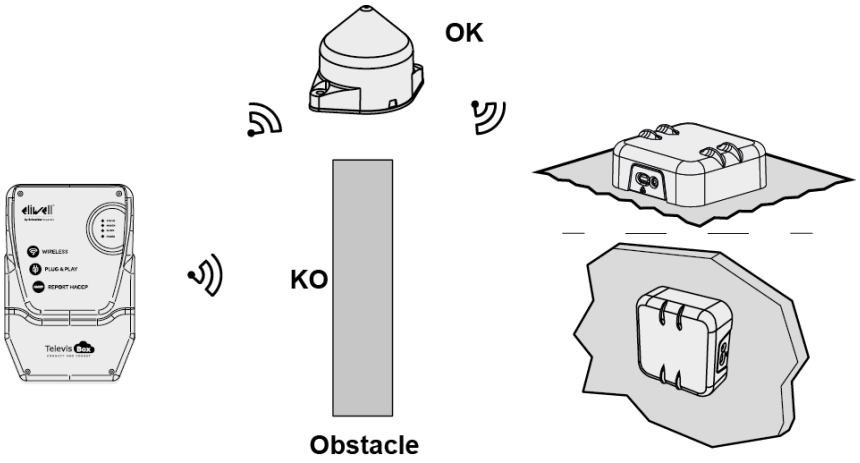
NOTE: Do not install more than two repeaters between the sensors and the **TelevisBox**.

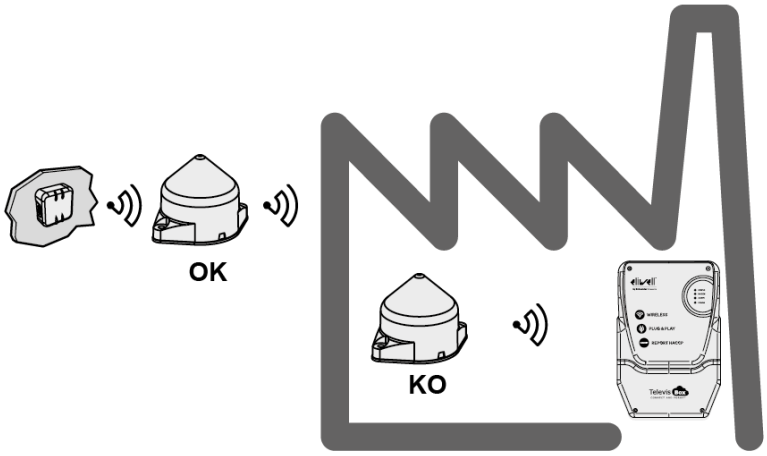
The **EWSense Repeater** and the **TelevisBox** repeater should be installed in observance

of the vertical axis:



Position the Repeater near the sensors to amplify their signal:





© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p132

LICENSE ACTIVATION PIN

Important!

KEEP THE ACTIVATION PIN CODE CAREFULLY

The PIN code is needed to activate the product license.

To activate the TelevisBlue license, access www.televisblue.com/registration, then use the S/N and gateway activation PIN printed on the label inside the product box, near the QR code.
The QR-Code found on the label can be used to access the registration procedure directly from a mobile device.
In registering the licenses, you declare that you have read and accepted the terms and conditions, which can be consulted at www.televisblue.com/terms.
Information regarding use of the TelevisBlue software is available at www.televisblue.com/help or using the help button (?) directly on the TelevisBlue portal.
The TelevisBox characteristics are provided in this chapter or in the technical data sheet 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.

COMMUNICATION

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

© 2021 Eliwell - All right reserved

Wireless technology	ZigBee Green Power 2.405 GHz
Transmission range (max.)	100 m (328 ft) in free field
GSM strength	
E-GSM 850 and 900	33 dBm
DCS 1800 and 1900	30 dBm

TECHNICAL DATA (EN 61010)

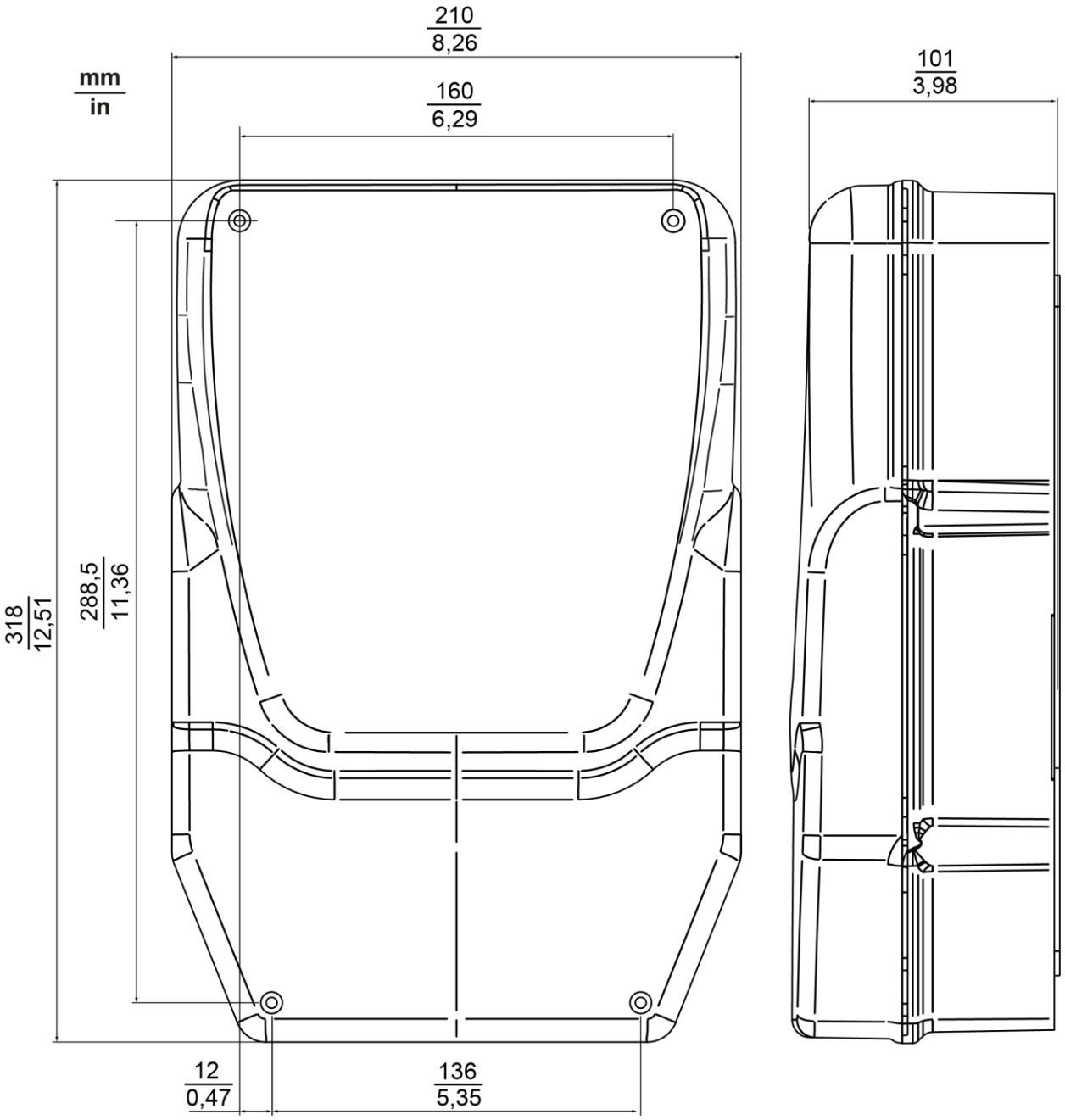
Classification	Measuring (not safety) equipment
Installation	wall or panel mounting
Operating environment	Internal use
Maximum altitude	Only for use at altitudes under 2000 m (6561 ft)
Pollution class	2 (normal)
Protection rating	IP42
Temperature: Use	0…45 °C (32...113 °F)
Temperature: Water	-20...60 °C (-4...140 °F)
Humidity (use/storage)	10...90% RH, non-condensing
Power supply	230 Vac
Power supply frequency	50/60 Hz
Maximum Consumption	90 mA
Over voltage category	II
Insulation class	Class 1 (with parts in class 2)
Fuse	Type T 3.15 A 250 Vac 5x20

MECHANICAL CHARACTERISTICS

Dimensions	318 x 210 x 101 mm (12.51 x 8.27 x 3.98 in.)
Power supply connector	IEC connector (with fuse)

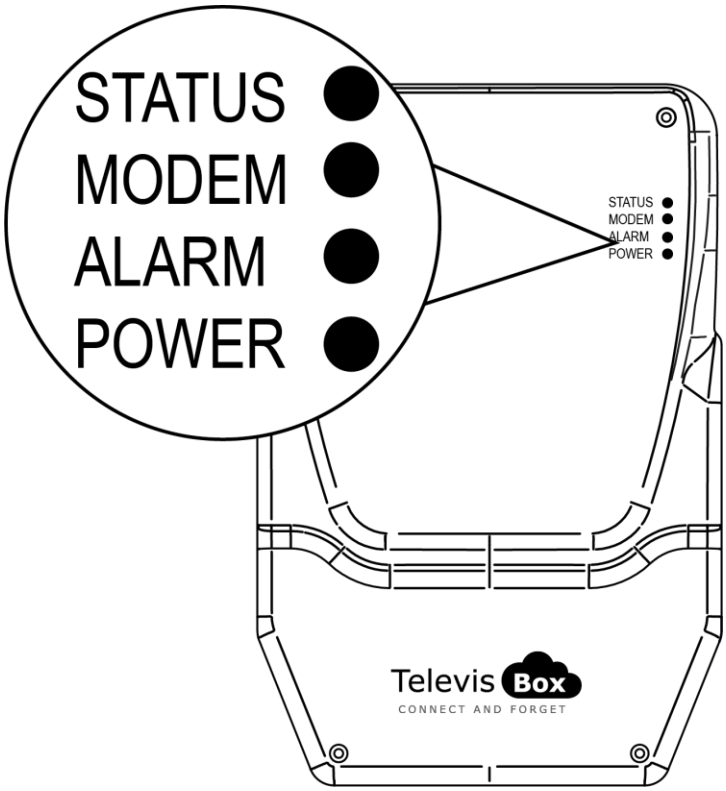
DIMENSIONS:.

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p134



LEDs

© 2021 Eliwell - All right reserved



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

LED POWER

ON	GREEN: ON	YELLOW: STARTUP MODE
OFF	DEVICE OFF	DEVICE OFF

* check the mains connection

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p136

LED STATUS, MODEM, ALARM

LED STATUS	LED MODEM	LED ALARM	STATUS RELAY	ALARM RELAY	CAUSE RESOLUTION
ON (RED)	FAST BLINK (GREEN)	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 (GREEN)		NC		no communication with the Cloud Service: Contact the Technical Support
ON (GREEN)	SLOW BLINK (GREEN)	ON (RED) = ALARM* ON (GREEN) =NO ALARM	NO	NC = ALARM* NO = NO ALARM	Line in use - Data connection on

* 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: TelevisBox
- LED Alarm, Relay Alarm: Application

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p137

GENERAL INFORMATION

TelevisBox is a system for recording and reporting on food storage temperatures and indicating faults, with web access and based on temperature sensors featuring radio technology.
The system consists of:

- a series of **EWSense Temp** battery-powered temperature sensors with data transmission via preset ZigBee radio
- one **TelevisBox** device for wall installation, capable of receiving data from the temperature sensors and communicating with the **TelevisBlue** cloud server
- The **TelevisBlue** web portal (www.televisblue.com) which can be used to configure, view and manage all connected sensors

PROCEDURE

Once the **TelevisBox** has been installed on the wall in a position offering GSM coverage, proceed as follows:

- Login to the website www.televisblue.com using your "COMPANY" account or the account designated for the installation of new Gateways.

- Go to the Add Site page by clicking  and enter the following information:
  - **S/N**: Serial Number (on the label inside the pack, under the QR Code)
  - **PIN**: Activation PIN (on the label inside the pack)
  - **Write here**: enter the Captcha verification code
  - Confirm with .

  If the code cannot be read clearly, press to generate a new code.
  The label inside the pack lists the **S/N** and **Activation PIN**

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p139

S/N: CFAAAG ACTIVATION PIN: 1234	FFC003E0	Ch1
	FFC00342	Ch2
	FFC003D2	Ch3
	FFC003C2	Ch4
	FFC003D5	Ch5
	FFC0038B	Ch6
	FFC00362	Ch7
	FFC00301	Ch8

- At this point the system opens the Site info page and asks you to enter:
  - User data: owner, name, company, etc.
  - Time zone (selected via drop-down menu)
  - Data recording time (selected via drop-down menu)

  You will then need to activate the Controller Events (by selecting the corresponding flag)

  Confirm with .
- Go to theController search page (network scan) by pressing .

  Use the existing settings and press .
- The “Address Selection” page will open.

  Press to start searching for controllers.
- At the end of the search, the “Controller Selection” page will open.

  Make sure the **EWSense Gate (Modbus)** is selected and press

  to start searching for resources.
- When the search has ended, press to the right of **EWSense Gate** to go to the Controller resources page.
- Select the resources to record (setting them with the corresponding selector set to ON) and enter the user names.

© 2021 Eliwell - All right reserved | 11/21 | rev. 05 | 9MA10262 | p140

For each resource you can set:

-  (yellow or grey): Do not use
-  (yellow or grey): If the Alert is active (yellow) or not (grey)
-  (red or grey): Alarm threshold is active (red) or not (grey)

Exit the page using  and then save the configuration with .

- Go to the Notification recipients page (list of alarm recipients) by pressing .

  Add new email notification recipients using the button.

  To save the new recipient, press the button.

- Go to the Report page, pressing to configure the regular reports.

  Add new reports using the button.

  To save the new report, press the button.

- Enter the Settings menu by pressing , then enter the Delegations menu by pressing to delegate access to other users
- Install the sensors in the specified measuring points.
- To check the RSSI values read (temperature sensor signal strength), start the ⧗ (Real Time) function, select **EWSense Gate** and press  to start reading the values. At this point the values of the active resources will be displayed, including the RSSI values.
  If the signal is not strong enough (RSSI < -80 dbm), move the sensor or use a signal repeater (**EWSense Repeater**) to boost it.

© 2021 Eliwell - All right reserved

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)

© 2021 Eliwell - All right reserved

Useful numbers

Eliwell Controls srl

Via dell'Industria, 15 – Z.I. Paludi

32016 Alpago (BL) - Italy

Tel. +39 0437 986 111

E: eliwell@schneider-electric.com

www.eliwell.com

Sales Office

T: +39 0437 986 100 Italy

T: +39 0437 986 200 from abroad

E: saleseliwell@schneider-electric.com

Marketing & Communications Office

E: eliwellmarketing@schneider-electric.com

Technical support helpline:

T. +39 0437 986 300

E: techsuppeliwell@schneider-electric.com