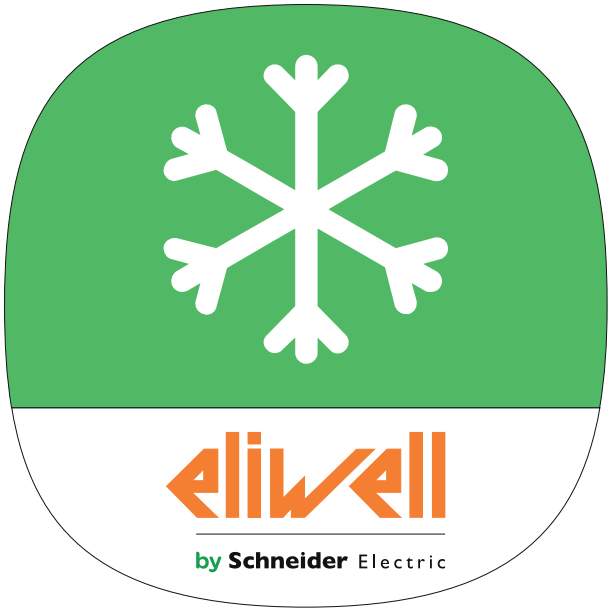
TelevisAir solution
Eliwell AIR APP and TelevisAir CLOUD features

User manual

12/2020



T_AIR-00EN

www.eliwell.com

eliwell
by Schneider Electric

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All pertinent state, regional, and local safety regulations must be observed when installing and using this product. For reasons of safety and to help ensure compliance with documented system data, only the manufacturer should perform repairs to components.

When devices are used for applications with technical safety requirements, the relevant instructions must be followed.

Failure to use Eliwell software or approved software with our hardware products may result in injury, harm, or improper operating results.

Failure to observe this information can result in injury or equipment damage.

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Safety information

Important information

Read these instructions carefully, and look at the equipment to become familiar with the device before trying to install, operate, service, or maintain it. The following special messages may appear throughout this documentation or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.



The addition of this symbol to a "Danger" or "Warning" safety label indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.



This is the safety alert symbol. It is used to alert you to potential personal injury hazard. Obey all the safety messages that follow this symbol to avoid possible injury or death.

⚠ DANGER

DANGER indicates a hazardous situation which, if not avoided, **will result in** death or serious injury.

⚠ WARNING

WARNING indicates a hazardous situation which, if not avoided, **could result in** death or serious injury.

⚠ CAUTION

CAUTION indicates a hazardous situation which, if not avoided, **could result in** minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to physical injury.

Please Note

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric and Eliwell for any consequences arising out of the use of this material.

A qualified person is one who has skills and knowledge related to the construction and operation of electrical equipment and its installation, and has received safety training to recognize and avoid the hazards involved.

Eliwell AIR APP related information

IT IS INTENDED THAT THE MOBILE APPLICATION FULL COMPATIBILITY WITH ANY SMART DEVICE AVAILABLE ON THE MARKET AT ANY TIME CANNOT BE GRANTED BY SCHNEIDER ELECTRIC SO IT IS UNDER THE USER'S RESPONSIBILITY TO VERIFY SUCH COMPATIBILITY BEFORE USING THE MOBILE APPLICATION.

MOBILE APPLICATION IS NOT A TOOL ABLE TO SUBSTITUTE HANDS-ON TRAINING, SAFETY MEASURES OR INSTRUCTIONS FOR COMMISSIONING, USE OR MAINTENANCE OF THE COOLER AND/OR THE ELECTRONIC CONTROLLER. IT IS INTENDED TO BE USED AS SUPPLEMENTAL REFERENCE BY A COMPETENT SERVICE TECHNICIAN WHO IS FULLY TRAINED IN THE CARE, OPERATION AND MAINTENANCE OF THE INSTALLED ELECTRONIC CONTROL.

ALTHOUGH REASONABLE CARE HAS BEEN TAKEN TO PROVIDE ACCURATE AND AUTHORITATIVE INFORMATION, SCHNEIDER ELECTRIC ASSUMES NO RESPONSIBILITY FOR ANY CONSEQUENCES ARISING OUT OF THE USE OF THIS MOBILE APPLICATION. SCHNEIDER ELECTRIC CAUTIONS YOU THAT MAINTENANCE AND DIAGNOSTIC OPERATIONS SHALL BE CARRIED OUT ONLY BY QUALIFIED MAINTENANCE PERSONNEL. FAILURE TO DO SO CAN RESULT IN SERIOUS PERSONAL INJURY, PROPERTY DAMAGE, OR DEATH.

FOR A PROPER USE OF THE MOBILE APPLICATION, USER MUST REFER TO AND STRICTLY FOLLOW ALL SAFETY INSTRUCTIONS DEFINED AND ANY REGULATION APPLICABLE TO THE COOLER AND THE ELECTRONIC CONTROLLER IN CONNECTION WITH WHICH THE MOBILE APPLICATION IS USED.

Schneider Electric reserves the right but is not obligated to, at any time, update or upgrade the current version of the Mobile Application and its Documentation so as to enhance current functionalities, add or remove functionalities of the Mobile Application and/or to create temporary or permanent conditions or limitations to the use of the Mobile Application.

Any such update or upgrade to the Mobile Application and its Documentation will be published online by Schneider Electric. Schneider Electric recommends that every User, including returning Users, carefully review the following website **www.televisair.eliwell.com/terms** or the Mobile Application stores' web-page(s) that make the Mobile Application available for download. It is the User's responsibility to visit such website or pages prior to each use of the Mobile Application. The User's continued use of the Mobile Application after any such update or upgrade to the Mobile Application is published by Schneider Electric, shall be deemed as the User's acceptance of such update or upgrade and the User's agreement to use the updated or upgraded Mobile Application in accordance with these Terms of Use (or any then-current, revised Terms of Use).

If the User does not consent to such updates or upgrades, the User shall have the immediate obligation to cease any use of the Mobile Application and to delete or expunge the Mobile Application from all computers, hard disks, servers, tablets, smart phones or other mobile devices onto which the User downloaded the Mobile Application, with the effect that the legal agreement formed between the User and Schneider Electric by the User's acceptance of these Terms of Use shall be deemed immediately and automatically terminated.

About the book

Document Scope

This document contains important information about the connection to **Eliwell AIR** and **TelevisAir**. Read these instructions carefully before you install the APP or connect to the CLOUD platform described herein.

Validity note

The information in this manual is applicable only for **Eliwell AIR** and **TelevisAir** products.

The characteristics that are presented in the present document should be the same as those characteristics that appear online. In line with our policy of constant improvement, we may revise content over time to improve clarity and accuracy. If you see a difference between the document and online information, use the online information as your reference.

You can download technical publications and other technical information from our website at: **www.eliwell.com**

Product Information

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Overview

Eliwell AIR

The Mobile Application is a diagnostic, maintenance and software management tool targeted at both Original Equipment Manufacturers and End Users of Commercial Refrigeration coolers and related to the TelevisAir electronic control solution for commissioning and maintenance/troubleshooting scenarios under the brand “Eliwell by Schneider Electric”.

The Mobile Application has been developed to be connected with “Eliwell by Schneider Electric” electronic compatible controllers using a Bluetooth Low Energy connection with a Bluetooth dongle.

The Mobile Application can be used to perform the following tasks:

- Discovering and pairing with Bluetooth Low Energy TelevisAir compatible controllers
- Visualizing the Bluetooth Low Energy signal strength
- Visualizing the GPS geolocation coordinates of the coolers on a map
- Selecting and customizing the set of resources to be managed among the ones available
- Reading and writing the electronic controller’s configuration parameters
- Sending specific manual commands to the electronic controller
- Visualizing the electronic controller’s current working status and the variables and diagnostic values of the selected and customised resources
- Downloading and uploading the electronic controller’s configuration parameters
- Sharing the configuration parameters through any media installed in the smart device running the Mobile Application
- Enabling the datalogging of some specific resources of the electronic controller, limited to the storage capacity of the Dongle, through the Bluetooth low energy connection and the connected device
- Dumping the logged memory and sharing the file through any media installed in the smart device running the Mobile Application
- Uploading the datalog memory to the TelevisAir cloud service through any internet connectivity available on the smart device running the mobile application. This feature is available only if the related cloud service has been activated by the user. Please refer to the documentation available on **www.televisair.eliwell.com/terms** as it includes the description of the cloud services and their associated functionalities.

TelevisAir

It is a CLOUD platform that, after activating the user account, allows you to:

- Display the geographic deployment and general status of the coolers
- Access the single cooler to verify the history of the stored data (table or plot)
- Activate threshold alerting messaging for each variable of the cooler.

Release History

Document Version	Release Date	Description
.01	31/10/2020	Review of the document with the functioning description and the new features of Eliwell AIR application and TelevisAir CLOUD.

System Requirements

Eliwell AIR:	The **Eliwell AIR** is available for download in Google Play Store and Apple App Store. The following is a list of usable Operating Systems: • Android 5.1 or greater • iOS 9.0 or greater.
TelevisAir:	The **TelevisAir** can be accessed remotely via a web browser without requiring the installation of additional software.

Compatibility

Eliwell AIR and **TelevisAir** are compatible with all Eliwell instruments which have the word 'AIR' written in the description.

Installation Instructions

Eliwell AIR:	Proceed as follows when installing the **Eliwell AIR**:
	1. Download the Eliwell AIR APP from:
	  • Play Store: for Android system
	  • App Store: for iOS system
	2. Launch the Eliwell AIR APP.

TelevisAir:	When connecting to the **TelevisAir** to a CLOUD platform proceed as follows: 1. Contact the Eliwell Sales Office to obtain a user profile 2. Access to the TelevisAir CLOUD web page (**https://televisair.eliwell.com**) 3. Enter 'User Name' and 'Password' 4. Accept the terms and conditions

Eliwell AIR

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Preliminary Operations

Read this manual carefully before installing the **Eliwell AIR** application.
In particular, ensure the presence of an internet connection.

The **Eliwell AIR** application can be downloaded in 2 ways:

- From Eliwell website
- Directly from App Store (iOS device) or Google Play (Android device)

NOTICE
INOPERABLE DEVICE Make sure you install this application (Eliwell AIR) only from a trusted source, such as the Google Play Store or Apple App Store. Do not install Schneider Electric applications downloaded from any other website. **Failure to follow these instructions can result in equipment damage.**

Procedure to download the application from Eliwell website

1. Verify that you have installed on the mobile a QR-Code reader. If not, download it.
2. Read the QR-Code present on the bottle cooler.
3. Allow your mobile to open Eliwell website (**https://www.eliwell.com/en/App/EliwellAIR.html**).
4. In the web-page select the store (App Store or Google Play).
5. Follow setup wizard.



Procedure to download the application from App Store or Google Play

1. Access the App Store or Google Play.
2. Search for "Eliwell AIR"
3. Select the application.
4. Follow setup wizard.

First access

When you access the **Eliwell AIR** application for the first time, a splash screen appears for few seconds.

What to do

When the splash screen disappears, you have to perform a few actions:

- Accept the application access to device multimedia
- Accept the application access to GPS position.
- Read the Terms of use by accepting them.
- Verify that the Bluetooth is active

After completing the above requests, the application opens the home page.
Now you are ready to associate one or more controllers to the application.

Home Page

First access to the home page shows you an empty page.

Further access will show a list of controllers (if you associated one or more controllers).

Description

Ref.	Icon	Description
A		Opens the menu (see menu).
B		Refreshes the page.
C		Opens the page to associate a new controller (see associate a new controller): • **Android**: a yellow icon on the bottom right • **iOS**: a + icon on the right of the header
D	Body	The body of the page shows a list of associated controllers with: • The name of the controller. • The address of the controller • Last access and activity of the controller (date and time)
E		opens the geolocation map of the controller (see geolocation)
F		Shows the signal strength of the controller: • : All black in black color means that there is no signal (verify the distance with the controller or if the controller is power-on) • : The number of green bars indicate the signal strenght • : All the bars in green color means that the signal is maximum

Menu

Press ☰ to open the application menu.

Icon	Content	Description
-	Header	Shows **Eliwell AIR** and application release (**x.x.x**)
	Home	Goes to the home page.
	Connect new device	Goes to the page to associate new devices (see Associate a new device).
	View List	Manages the visualization tabs (Control, Maintenance and Advanced). They are used to better identify the use of selected resources. • **Control**: displays resources to use the controller • **Maintenance**: displays resources for controller maintenance • **Advanced**: displays resources to manage regulators or functions (qualified personnel only)
	History/Log	Shows the historic operation register.
	Change Language	Sets one of the available languages: Italiano / English / Français / Deutsch / Español / Русский **Note**: some texts are managed from the Operating System and could be in the language set in your device.
	Driver Manager	Shows the list of installed drivers and allows driver management (upload/update).
	Settings	Settings further information: • **Enable logging**: user log (information will be available in "History / Log"). • **Max number of views**: sets the high limit of visualization tabs • **Dashboard refresh** (seconds): sets data refresh period (time) • **File destination mail**: sets data destination email • **Enter cloud credentials**: Set User and Password credentials (to allow data upload. See Cloud upload) • **Clear login data**: deletes login data • **Name of this mobile device**: shows controller name • **Username**: shows the user name • **Login valid until**: shows the access expiry date
	About	Shows information about application

Associate a new controller

This page is used to associate a controller to the **Eliwell AIR** application.

Access to the page

You can open it in two ways:

1. From the home page: tap on with **Android** or  with **iOS**
2. From the menu: tap on 

Procedure

In this page, you will see the list of available controllers not yet associated to the **Eliwell AIR** application.

To associate a controller:

1. Select the controller (tap on the name) from the list of available controllers
2. Insert the value "**000000**" in the window that appears ("Bluetooth pairing code").
3. Wait while the application starts the preliminary operations
4. The controller is now associated and it will be visible on the home page.

Change the default password upon first use. In addition, carefully consider the implications for giving any access to other people.

⚠ WARNING

UNAUTHORIZED DATA ACCESS

- Immediately change any and all default passwords to new, secure passwords.
- Do not distribute passwords to unauthorized or otherwise unqualified personnel.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

Device geolocation

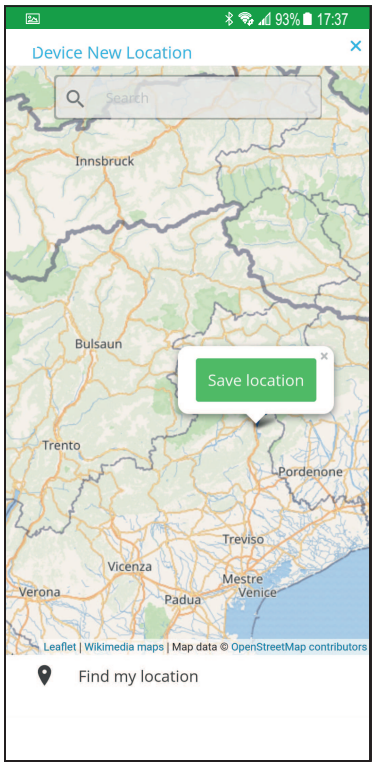
For each controller, the **Eliwell AIR** application automatically shows the geolocation of the device.

Procedure to manually set the geolocation

If the automatic geolocation is not correct, you can select it manually.

1. In the home page, press , to load the map (it uses the GPS of your mobile device)
2. Select the location of the device. By default, the **Eliwell AIR** application suggests your current position.
3. Press '**Save this location**' to save the location.
4. To change location, press '**Find my location**' and search it.

Below an example of new location settings.



Controller main page

To access to the controller main page, select one of the controllers listed in the home page.
The available resources are:

- Parameters
- Commands
- Resources

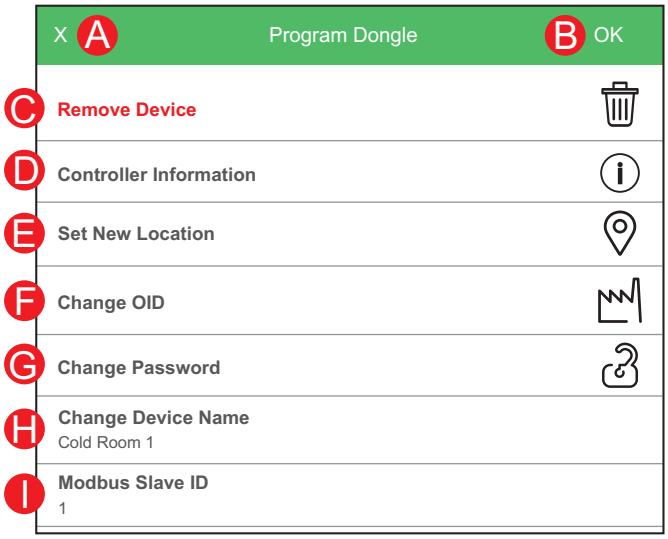
NOTE: In order to work properly, the maximum distance between the mobile device and the controller should be 10m (32,808ft), with no obstacles in between. If there is no signal, you will not be able to access the controller main page..

Description

Content	Description
Header	**Eliwell_xxxx**: Identifies the controller name.
	Visualization tabs List of visualization tabs (Control, Maintenance and Advanced). Tap on "**+**" to create a new Visualization tab. They are used to create different list of resources with the same topic. The default tabs are normally used for: • **Control**: resources for controller use • **Maintenance**: resources for controller maintenance • **Advanced**: resources for regulators or functions management (qualified personnel only).
Body	**Resources list** For each resources it shows: • The ID number. • The label • The description • The actual value • Icon to modify the value or icon to execute the associated command (see Resources Managing).
	Opens the application menu (see menu).
	Page refresh.
	Opens controller submenu (see Controller submenu).
	Opens controller resources selection (see Resources selection). The available resources are: • Parameters • Commands • Resources
	Shows the connection status between controller and **Eliwell AIR** application: • **YES**: the connection is active • **NO**: the connection is not active Tap on it to activate / deactivate the connection.
	**Export**: allows parameters map download (see Export)
	**Import**: allows parameters map upload (see Import)
	**History**: verifies specific logged data (see History)
	**Program**: allows to select resources to be logged (see Program). **NOTE: Available for BTLE 4.2 DATALOG AIR only.**

Controller submenu

Press ⓘ in the controller main page to open the controller submenu.



Ref.	Content	Description
A	**x**	Exit without saving changes
B	**OK**	Exit and save changes
C	Remove Device	Removes the controller from the list of associated controllers
D	Controller Information	Shows complete controller information such as: • mask number • poli (controller identifier) • UID (Unique Identifier) • OID (Organisation ID) • firmware version
E	Set New Location	Manually set the geolocation of the controller
F	Change OID	Changes the OID (Organisation ID) value
G	Change Password	Changes the controller Password
H	Change Device Name	Changes the controller name
I	Modbus Slave ID	Changes the Modbus slave ID address

Selection of resources to be displayed

After the controller main page access, press the icon to access the application pages and select the resources to be displayed in each visualization tab.

The available resources are:

- Parameters
- Resources
- Commands

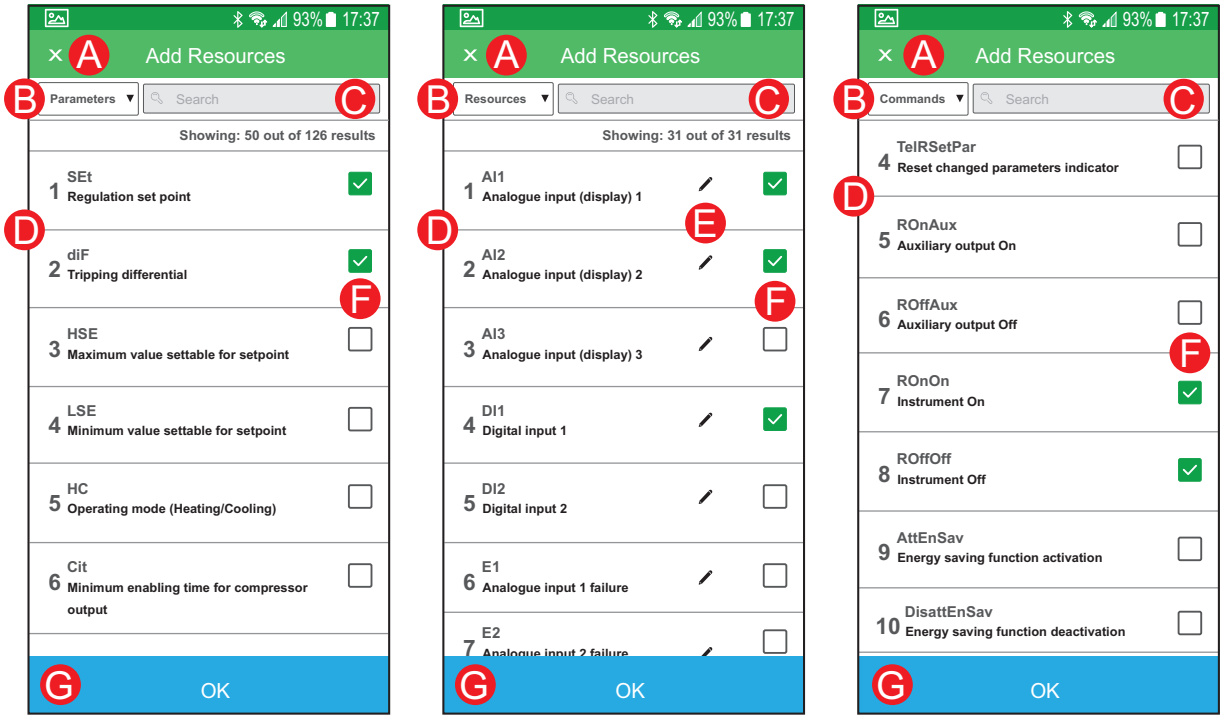
NOTE: the controller resources are available only if the **Eliwell AIR** application is connected via Bluetooth to the controller.

Procedure to select a resource

The procedure to select a resource is:

1. Select the type of resource from the drop-down menu (**B**)
2. Tap on the box on the right side to select the resource (**F**)
3. Press the "OK" (**G**) at the bottom of the page.

Below some example for each resource:



Description

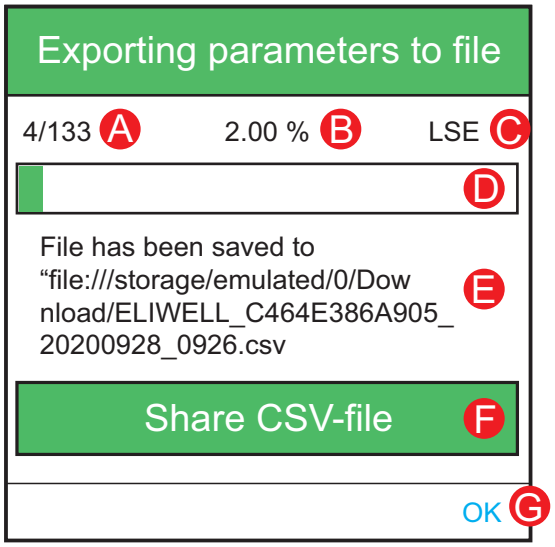
The meanings of the contents in the page are:

Ref.	Content	Description
A	**x**	Close the selection page without saving changes.
B	Menu	Selects the type of resources via drop-down menu: • Parameters • Resources • Commands
C	Search	Filters groups of resources.
D	Resources	The body of the page shows the list of resources of the type selected (see **B**) with: • ID number. • Label • Description
E		Changes the description of the resources (for Resources only).
F		Selects/unselects resources: •  : resource not selected •  : resource selected.
G	**OK**	Closes the selection page and save changes.

Export

This function allows you to download the controller parameters map.

Tap on the icon to launch data export.

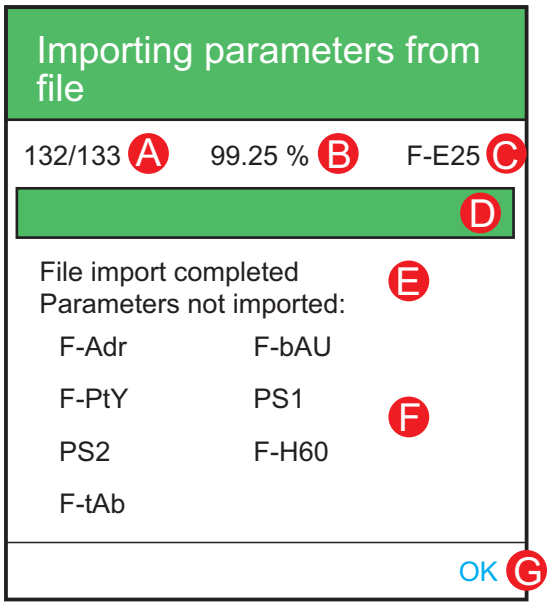


Ref.	Description
A	Shows the number of parameters exported. Out of total.
B	Shows the percentage of parameters exported.
C	Shows the label of the parameter currently exported.
D	Shows the operation completion percentage.
E	At the end of the operation: CSV file destination. During the operation: shows "Finished in about a few seconds".
F	Press it to share the data file with **.csv** extension.
G	The "OK" return to the Controller Main page.

Import

This function allows you to upload the controller parameters map.

Tap on icon to launch the data Import and select the file to import.



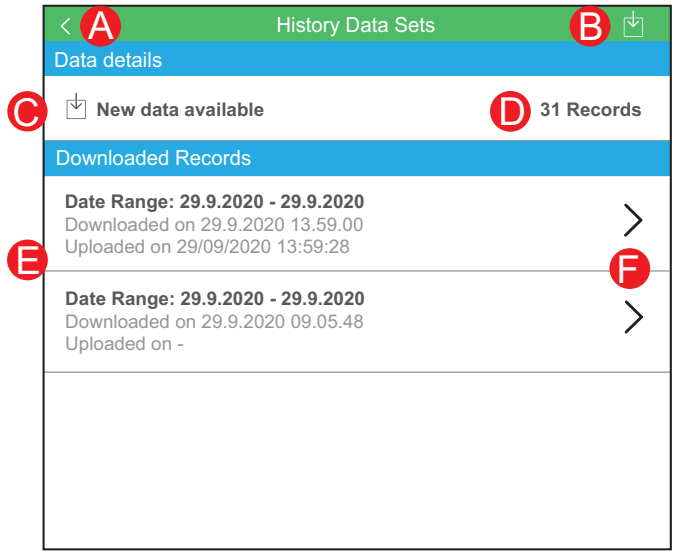
The meanings of the contents are:

Ref.	Description
A	Shows the number of parameters imported. Out of total.
B	Shows the percentage of parameters imported.
C	Shows the label of the parameter currently imported.
D	Shows the operation completion percentage.
E	At the end of the operation: shows "File import completed". During the operation: shows "Finished in about a few seconds".
F	List of parameters not imported. Import function does not import: • read-only parameters • communication parameters • passwords
G	The "OK" returns to the Controller Main page.

History

This function allows you to verify in the application a specific data log.

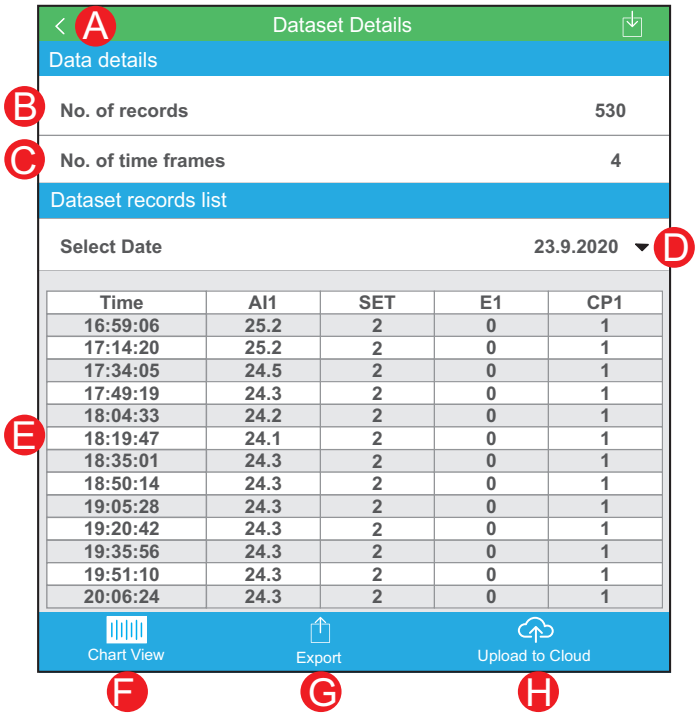
Tap on icon to access History menu.



Ref.	Content	Description
A	Back	Returns to the Controller Main Page
B		Tap to verify records to download.
C	New data available	New records to download. **Note**: if no records this field is empty.
D	Record	Available records to download.
E	Download	It shows the download data. The information shown are: • **Data Range**: Data period range DD.MM.YYYY format (Start date - End date). • **Downloaded on**: Data date and time • **Uploaded on**: Date and time of the Cloud uploaded data. Empty information ("-") detects no data uploaded on Cloud.
F		Access data storage.

Storage resources managed

Press the > icon (**F**) to select the data storage download and access the page to view the resources. The following page will open:

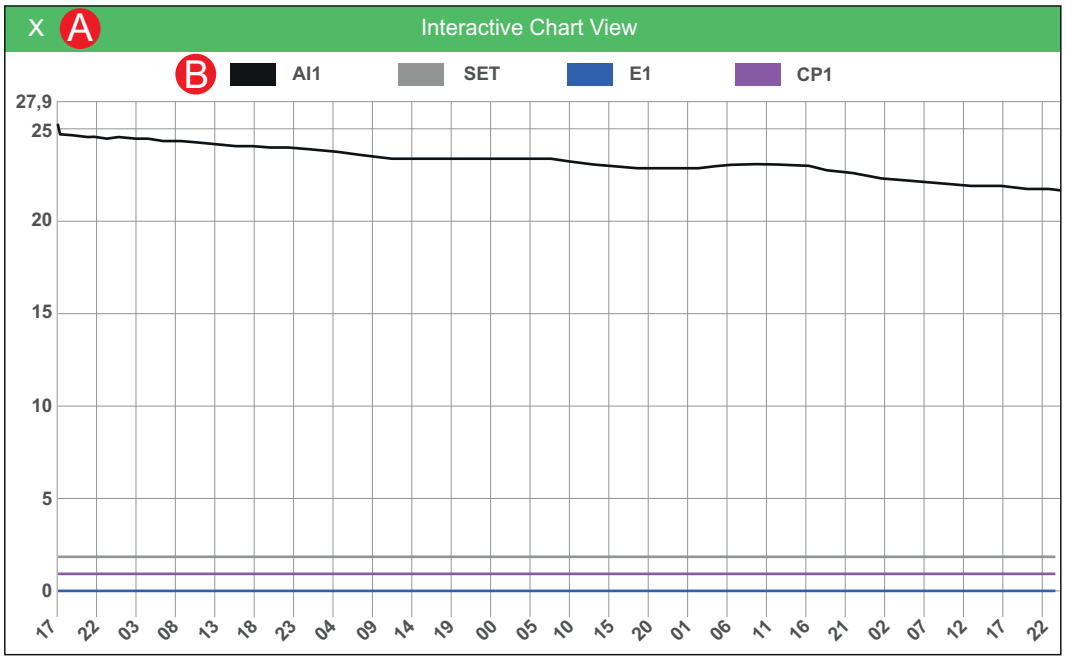


The meanings of the contents are:

Ref.	Content	Description
A	Back	Returns to the Controller Main Page.
B	-	Shows the number of records present in the current download.
C	-	Shows the number of time frames.
D	Select date	Date selection within current download.
E	Data	Shows data in table format.
F		Shows data in graphic format (see **Graph display**).
G		Tap to export data in **.csv** format.
H		Tap to upload to Cloud the data download. • When the operation has been completed, the "Uploaded on" field will be completed in the History data set page, with the current date. • If required, enter User and Password. Refer to "**Enter cloud credentials**". • If the data are already uploaded on Cloud, a pop-up box will show with the notice "data already uploaded".

Graph display

Tap the icon (**G**) to display data storage in graphic format.



Ref.	Content	Description
A	Back	Goes back to the History page.
B	Resources list	Tap on each resource to display / hide relevant trend line.

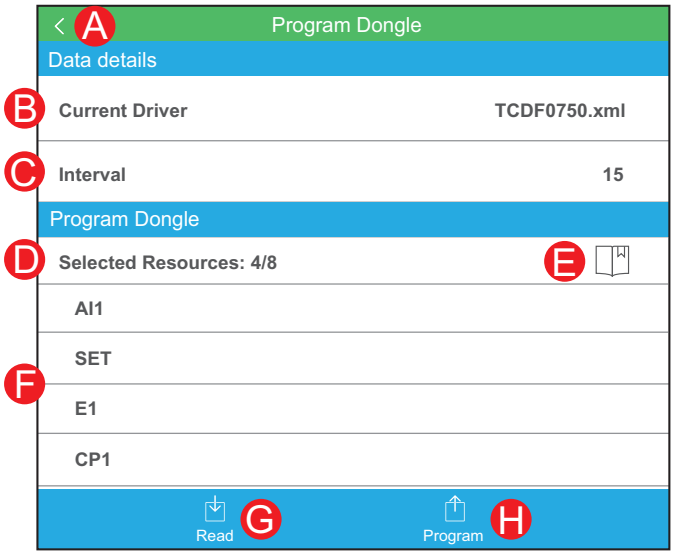
Note: The graph is auto-scaled. Pinch fingers to zoom.

4. Program

NOTE: These options are available for BTLE 4.2 DATALOG AIR only.

This function allows you to select the resources to be saved (maximum 8 resources).

Tap on icon to access Program menu.



The meanings of the contents are:

Ref.	Content	Description
A	Back	Returns to the Controller Main Page
B	Current Driver	Shows the selected driver for the controller.
C	Interval	Shows/edits the interval time (in minutes).
D	Selected Resources	Shows the number of selected resources (Maximum 8 resources).
E		Allows you to select the resources to be saved.
F	List	Shows the list of resources selected.
G	(**Read**)	Shows the list of currently selected resources.
H	(**Program**)	Confirms the list of resources to be saved.

Selected Resources

Press the icon (**E**) to access the page to select the resources.
The available resources are:

- Parameters
- Resources

Refer to Resources selection.

Notes:

- It is not possible to select command resources.
- To save changes:
  - tap on "OK"
  - return to Program menu page
  - tap "Program"

Managing the resources

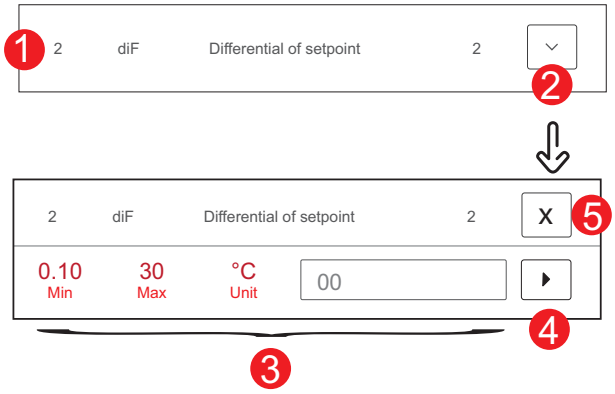
After accessing the controller main page and selecting the resources to be displayed in each visualization tab, you can change, display or execute them, depending on the resources.

The resources that you can see are:

- Parameters
- Commands
- Resources

NOTE: the controller resources are available only if the **Eliwell AIR** application is connected via Bluetooth to the controller.

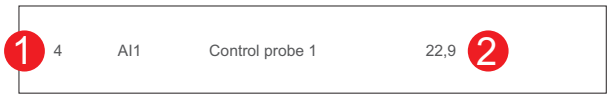
Modify parameters value



1. Select the parameter to modify
2. Tap the icon to modify resource value.
3. Fill in the new parameter value inside the range (Unit = Unit of measurement)
4. Confirm the new value by tapping the icon. The icon will turn green.
5. Close parameter edit mode.

Note: Changes will be lost if the value is not confirmed..

View resources value



1. Select the resources to view
2. Read updated value of the resource

Note: Resources are read only.

Execute command



1. Select the command to execute
2. Tap the icon to execute the command. The icon will turn green.

TelevisAir

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Preliminary Operations

How to get CLOUD access

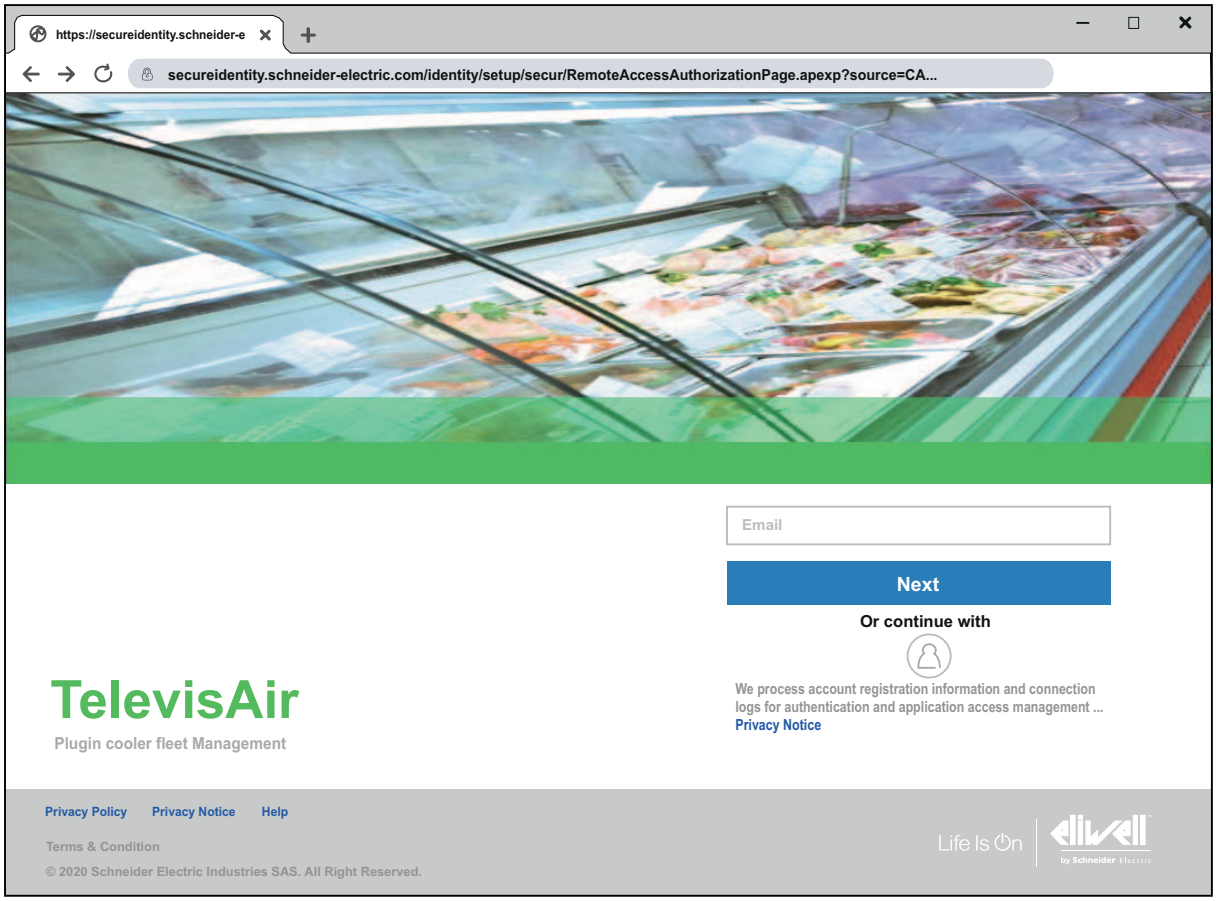
NOTE: CLOUD is not a self registration web application

The **TelevisAir** CLOUD is a service to display and analyze controllers data.

The procedure to receive a valid Account is:

1. Contact Eliwell sales representative or Sales offices
2. Accept terms on Cloud service activation
3. Provide Eliwell with a valid email address (It will become the Cloud account «User Name»)
4. Eliwell will send a link to complete the registration to your email address (see point 3 link)
5. After accessing, define your «Password»
6. Once you have completed the credentials, you can open the CLOUD link (https://televisair.eliwell.com)

NOTE: The same «User Name» and «Password» have to be set inside the **Eliwell AIR** application to associate the dongle data with the proper Cloud account (see Eliwell_AIR_menu)

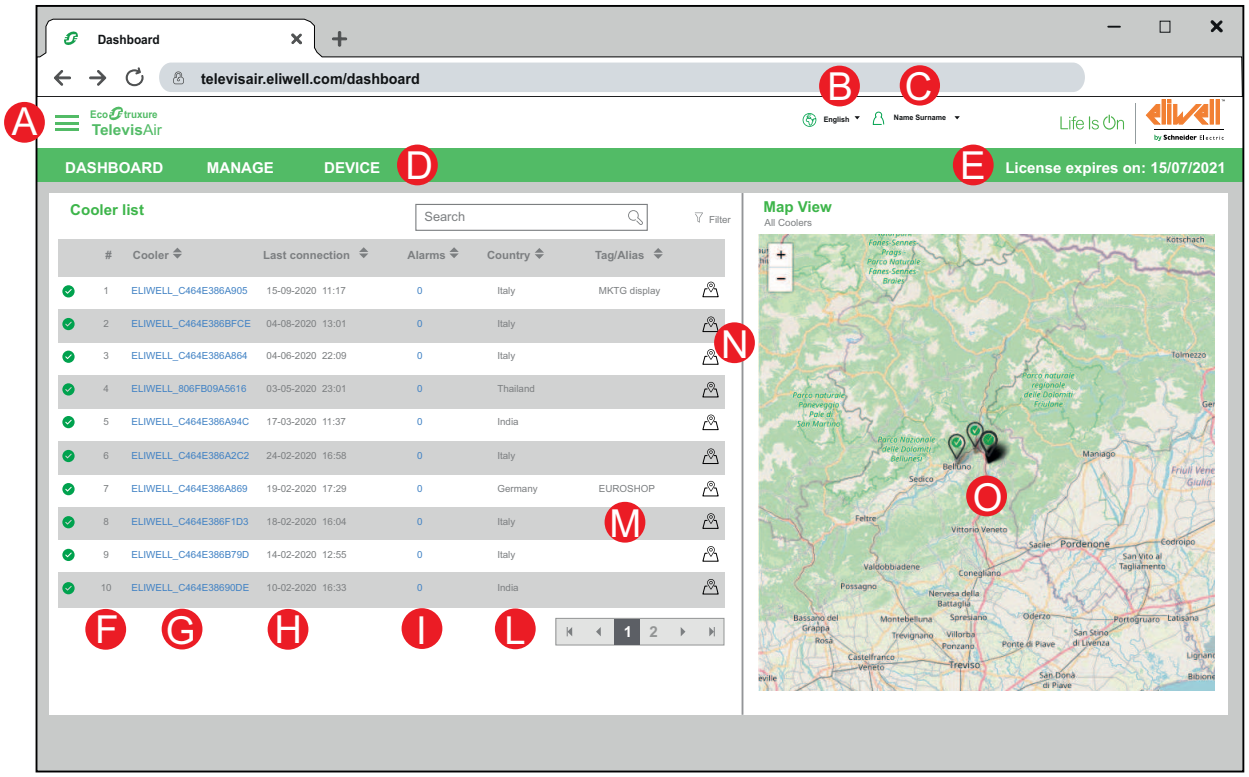


Home page

After accessing **TelevisAir** CLOUD, you will be on the home page.
If you have not associated any controller, the web page will be empty.

Home Page

When you access the TelevisAir application home page, shows a splash screen appears for few seconds and shows you the list of associated controllers.



Description

Ref.	Content	Description
A	☰	Opens the menu: • **Support**: redirects you to the Schneider Electric support page • **FAQ/s**: redirects to the Schneider Electric FAQs page • **Legal&Privacy Policy**: redirects you to the Schneider Electric web page with Terms&Conditions and Service description • **Copyright**: redirects you to the Schneider Electric "Legal information" • **Social**: connects you to "facebook", "twitter" and "youtube" channels.
B	🌐	Allows you to select the application language: • **English** • **French** • **Spanish** • **Italian** • **German** • **Russian**.
C	👤	Allows you to view and update: • **Profile update**: update personal data • **Change password**: update password value • **Change email**: update email address • **Logout**: exit
D	Header	Allows you to switch between: • **DASHBOARD**: main display • **MANAGE**: "Alarm information" and "Alarm Rules" display (see Alarm Management) • **DEVICE**: "User Controller information" display
E	License	Shows the License Expires date.
F	#	Shows the progressive number asociate to the controller.
G	Cooler	Opens the controller main page.
H	Last data	Shows the last data upload date.

I	Alarms	Shows the number of active alarms. Click on the number to display the "Alarm management" page.
L	Country	Shows the country where the controller is installed.
M	Tag/Alias	Shows the Tag/Alias of the controller (not mandatory information).
N		Shows the geolocation of the controller on the map.
O	Map	Shows the controller's location on the map and the presence of alert for each controller: • : no active alarm • : low severity active alarm • : high severity active alarm

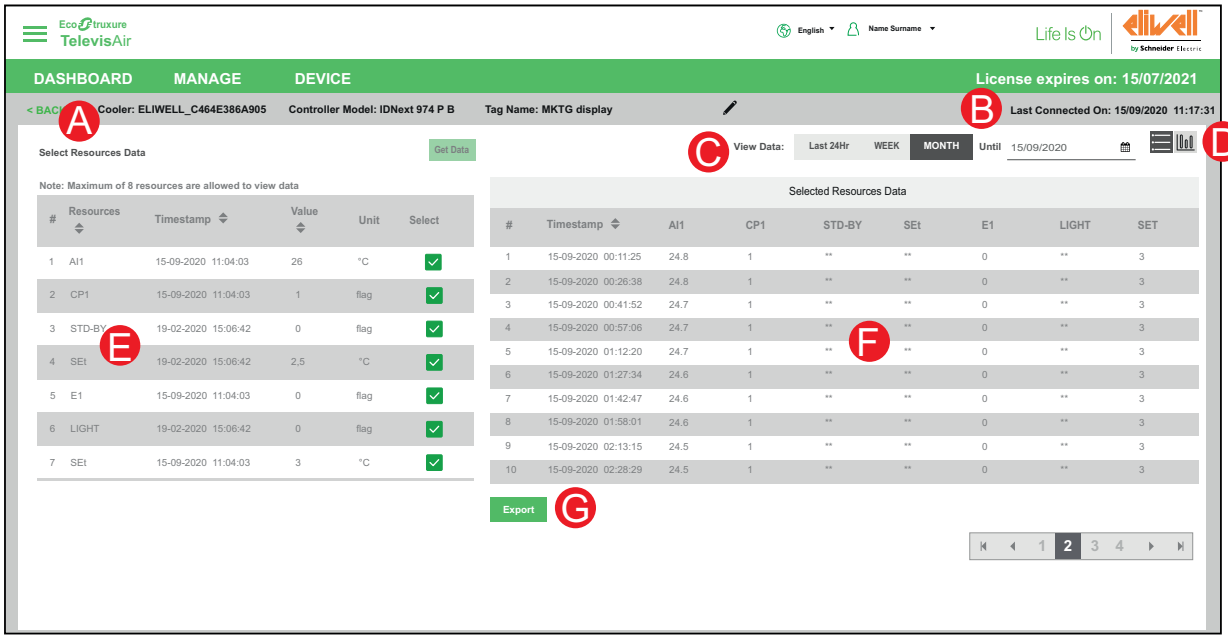
Single controller visualization

Click on the controller name to access this page.

On the left there is the list of resources (active and not active) saved (maximum 8 active resources).

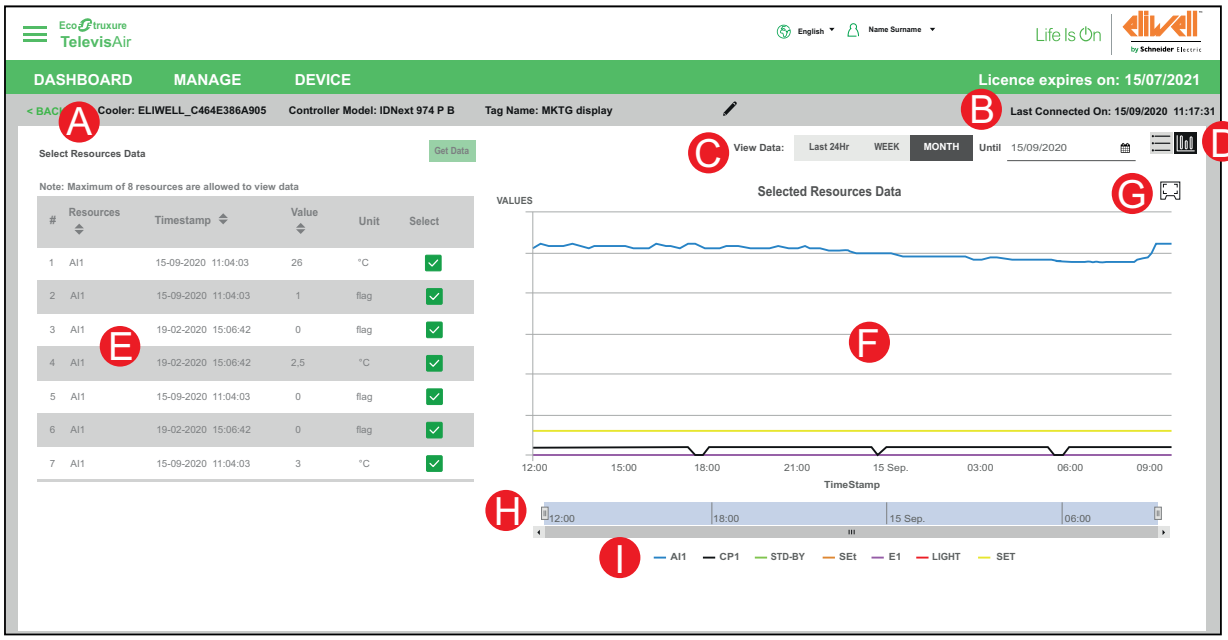
On the right there is the table or the graph with the uploaded data from **TelevisAir** application in the selected period.

Data table visualization



Ref.	Content	Description
A	Header	Shows you the BACK key and: • **< BACK**: returns to the home page • **Cooler**: shows the controller name • **Controller model**: shows the controller model (for example IDNext 974 P/B) • **Tag Name**: shows/edits the controller Tag/Alias (non-mandatory information).
B	Update	Shows the last connection date and time with data upload.
C	Period	Allows you to select the period for data display: • **View Data**: periods availability: Last 24 hours, last week or last month. • **Until**: set the last data to be displayed. The "View Data" starts to count from this point backwards.
D		Allows you to select the visualization (table or graph): • : display data uploaded as a table • : display data uploaded as a graph
E	Resources	Shows the list of resources uploaded from the first association: • **Resources**: label of the resources • **Timestamp**: date and time of the last data upload • **Value**: the last value uploaded • **Unit**: the Unit of measurement • **Select**: if the resources is active (green box with check mark) or not (white box).
F	Table	Shows the data uploaded in the selected period: • **Rows**: identify date and time when data was acquired. • **Column**: identify the resources selected in "E" box and the respective value for each date and time.
G	Export	It allows to export a **.xlsx** file with data displayed and save it to the PC.

Data graph visualization



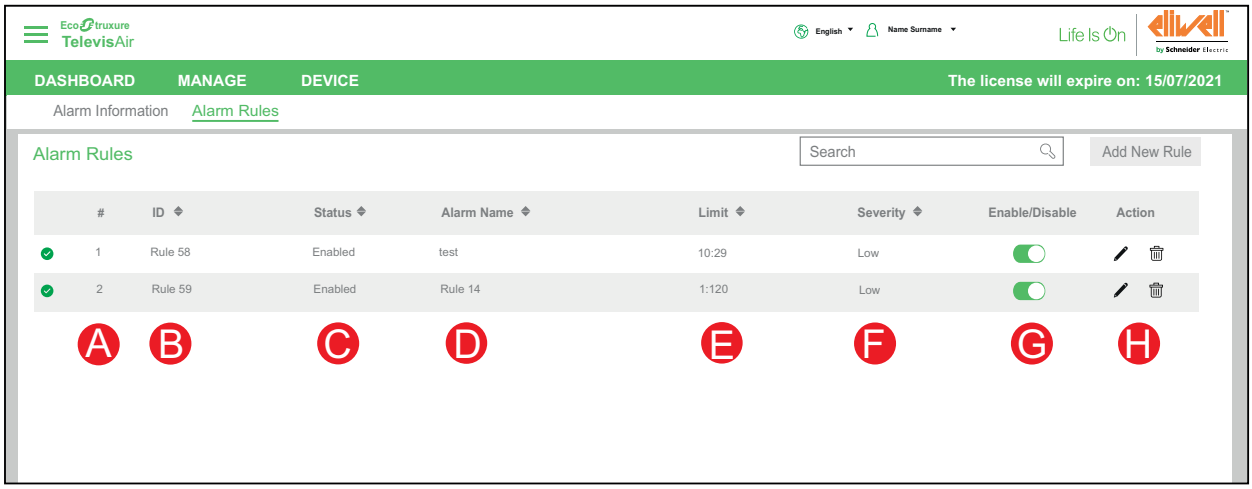
Ref.	Content	Description
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F	Graph	Shows the data uploaded in the selected period: • **x-axis**: shows the resouces uploaded time • **y-axis**: shows the selected resouces value **Note**: Each resource has a different color (view legend **I**)
G	Full	Shows the graph at full screen.
H	Bars	Allows to modify the period of data to display. • reduce/increase the period acting on the bar start/end • scroll horizontally in the period acting on the bar start/end.
I	Legend	Shows the list of resources with the associated color. Click on each resource to display / hide relevant trend line. **Note**: The graph is auto-scaled. Pinch fingers to zoom.

Alarm Management

Click on "MANAGE" to access this page. You can select:

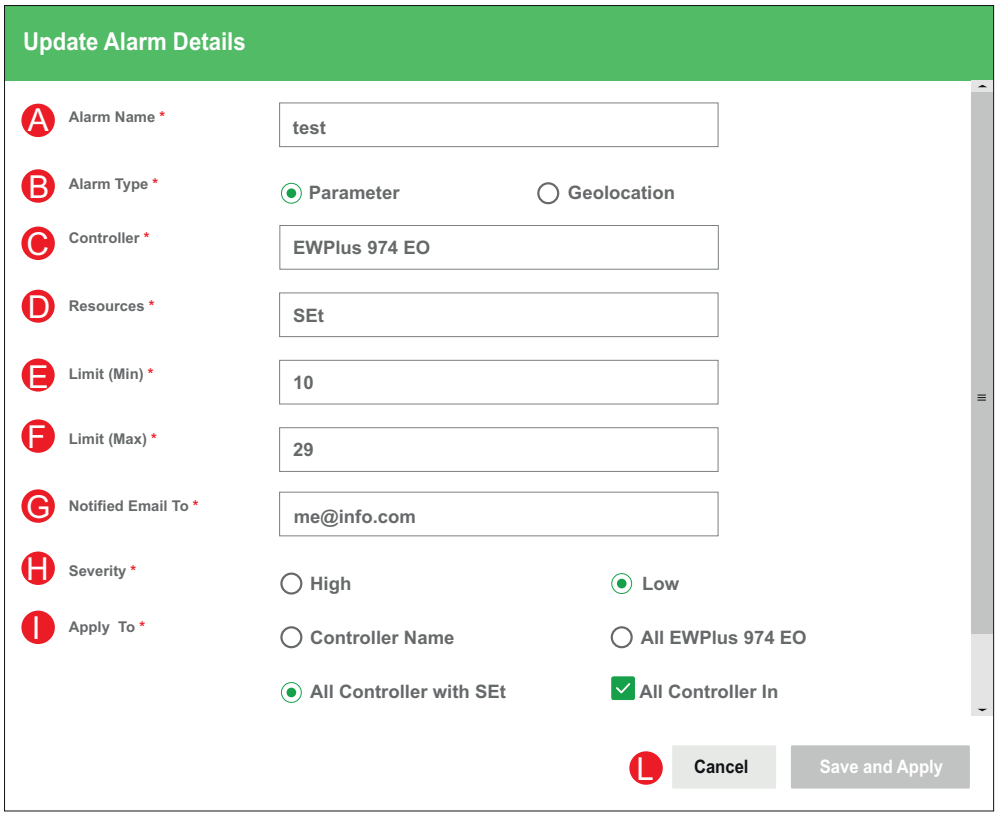
- **Alarm information**: shows the alarm history
- **Alarm Rules**: shows alarm rules and allows to implement new rules.

Alarm Rules



Ref.	Content	Description
A	#	Shows the progressive number assigned to the alarm rule.
B	ID	Shows the label assigned to the alarm rule.
C	Status	Shows the alarm rule status (enabled or disabled)
D	Alarm Name	Shows the rule name.
E	Limit	Shows the limit setting for alarm rule activation (Limit (Min) : Limit(Max)).
F	Severity	Shows the severity assigned to the alarm rule: • **Low**: low severity active alert • **High**: high severity active alert
G	On/Off	Activates/deactivates the alarm rule
H	Action	Allows to modify or delete the alarm rule: • : allows to modify an alarm rule (see below) • : allows to delete an alarm rule

Modify an alarm rule



Ref.	Content	Description
A	Alarm Name	Alarm rule name
B	Alarm Type	Alarm type (parameter or Geolocation)
C	Controller	Controller model
D	Resources	Sets the resource for alarm activation
E	Limit (Min)	Sets the minimum range value
F	Limit (Max)	Sets the maximum range value
G	Notified Email to	Sets the alarm email destination
H	Severity	Sets the alarm severity
I	Apply to	Sets the controllers where applied the rule
L	Actions	• **Cancel**: exit from the rules update without saving changes • **Save and Apply**: exit and save changes

Eliwell Controls srl
Via dell'Industria, 15 Z.I. Paludi
32016 Alpago (BL) Italy
Telephone +39 (0) 437 986 111
www.eliwell.com

Technical Customers Support
Telephone +39 (0) 437 986 300
E techsuppeliwell@schneider-electric.com

Sales
Telephone +39 (0) 437 986 100 (Italy)
Telephone +39 (0) 437 986 200 (other countries)
E saleseliwell@schneider-electric.com

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