

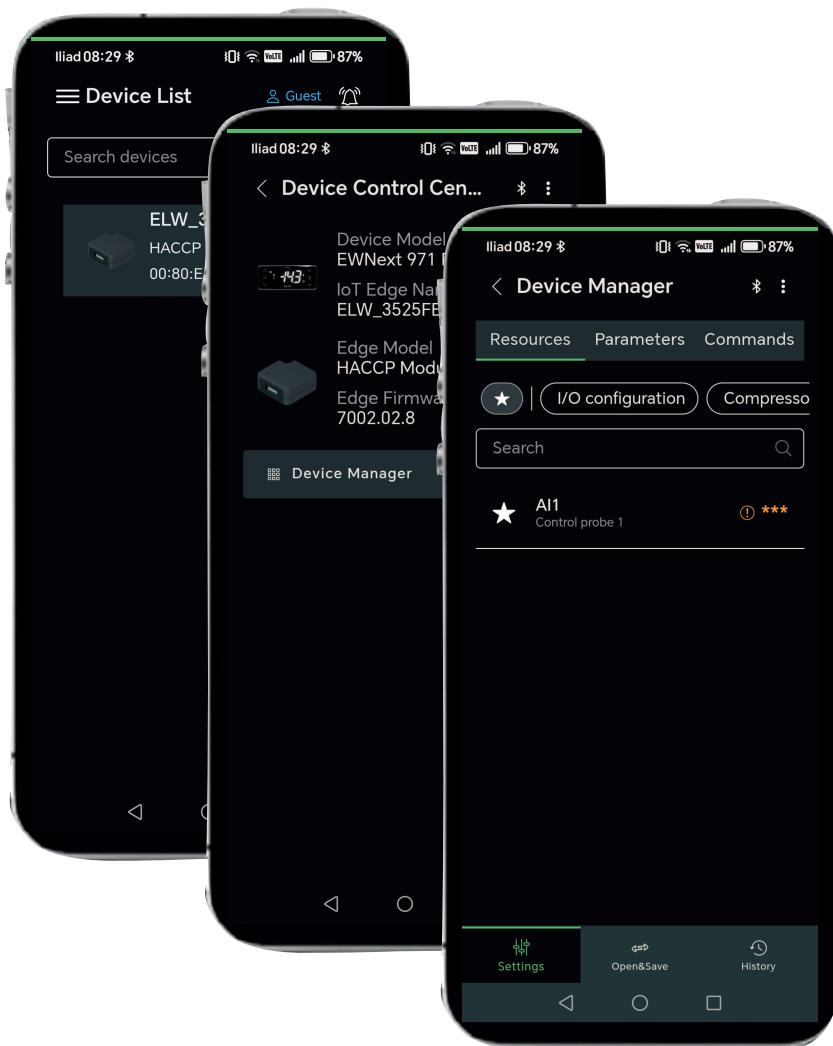
Eliwell AIR

Eliwell AIR HACCP Module

User manual

E_AHM-00EN

04/2026



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The information provided in this document contains general descriptions, technical characteristics and/or recommendations related to products/solutions.

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Safety Information

Important information

Read these instructions carefully and visually inspect the equipment to familiarize yourself with the controller before installing it and/or putting it into operation or servicing it. The following warning messages may appear anywhere in this documentation or on the equipment to warn of potential dangers or to call attention to information that can clarify or simplify 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 warning symbol. It is used to warn the user of the potential dangers of personal injury. Observe all the safety warnings that follow this symbol to avoid the risk of serious injury or death.

DANGER

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

WARNING

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

CAUTION

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

NOTICE

NOTICE used in reference to procedures not associated with physical injuries.

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. An authorized person is someone in possession of the skills and knowledge applicable to the structure, to the operation of the electrical equipment and to its installation, and who has received safety training in order to recognize and avoid the risks involved.

Personnel qualification

Only personnel with suitable training and an in-depth knowledge and understanding of the contents of this manual and any other documentation relevant to the product are authorized to work on and with this product. Qualified personnel must be capable of identifying any dangers which may arise from the parameterization or changing of parameter values, and from the use of mechanical, electric and electronic equipment in general. Plus, they must be familiar with the personal safety laws, provisions and regulations which must be observed during system planning and implementation.

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 air.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 to 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.

HACCP Module Disposal

For security reasons, before removing the controller, we recommend to reset the HACCP Module to the default value (see 'Restore default values').

<i>NOTICE</i>
DISCLOSURE OF APPLICATION DATA Reset the controller to the default values to help prevent data disclosure. Failure to follow these instructions can result in equipment damage.



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

About the document

Document Scope

The **Eliwell AIR APP** enables configuration, diagnostics, and data logging via Bluetooth, while the **HACCP Module** allows local secure data transfer. The solution is compatible with various Eliwell controllers, offers multilingual support, and works on iOS and Android. Key features include local telemetry visualization in table or graph format.

Validity note

The characteristics of the products described in this document are intended to match the characteristics that are available on www.eliwell.com. As part of our corporate strategy for constant improvement, we may revise the content over time to enhance clarity and accuracy. If you see a difference between the characteristics in this document and the characteristics on www.eliwell.com, consider www.eliwell.com to contain the latest information.

General Cybersecurity Information

In recent years, the growing number of networked machines and production plants has seen a corresponding increase in the potential for cyber threats, such as unauthorized access, data breaches, and operational disruptions. You must, therefore, consider all possible cybersecurity measures to help protect assets and systems against such threats. To help keep your Schneider Electric products secure and protected, it is in your best interest to implement the cybersecurity best practices as described in the [Cybersecurity Best Practices](#) (English document). Schneider Electric provides additional information and assistance:

- Subscribe to the Schneider Electric [security newsletter](#).
- Visit the [Cybersecurity Support Portal](#) to:
 - Find Security Notifications
 - Report vulnerabilities and incidents
- Visit the [Schneider Electric Cybersecurity and Data Protection Posture](#) to:
 - Access the 'cybersecurity posture'
 - Learn more about cybersecurity in the cybersecurity academy
 - Explore the cybersecurity services from Schneider Electric

Available Languages of this Document

This document is available in these languages:

- English (E_AHM_00EN)

Related documents

Publication title	Reference document code
Instruction Sheet HACCP MODULE - DONGLE BTLE 5.0 AIR	9IS64815 (6L)
Cybersecurity Best Practices	Refer to Cybersecurity Best Practices (English document)

To find documents online, visit the Eliwell website: www.eliwell.com

Environmental Data

For product compliance and environmental information refer to the Schneider Electric [Environmental Data Program](#).

Information on non-inclusive or insensitive terminology

As part of a group of responsible and inclusive companies, we are currently updating our communications and products that contain non-inclusive terminology. Nevertheless, until we have completed this process, our content may still include standardized industry terminology which may be considered inappropriate by our customers.

Product related information

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, FIRE OR ARC FLASH

- Disconnect all power from all equipment including connected devices, prior to removing any covers or doors, or installing or removing any accessories, hardware, cables, or wires.
- Always use a properly rated voltage sensing device to confirm the power is off where and when indicated.
- Before powering the device back up, fit back and fix all the covers, hardware components and wiring.
- Verify the earthing connections on all earthed devices.

Failure to follow these instructions will result in death or serious injury.

DANGER

HAZARD OF EXPLOSION

- Use the HACCP Module exclusively with compatible Eliwell instruments.
- Install the HACCP Module inside the refrigeration unit, in an inaccessible location.

Failure to follow these instructions will result in death or serious injury.

WARNING

UNINTENDED EQUIPMENT OPERATION

- Do not use this equipment for safety-critical functions.
- Do not disassemble, repair, or modify this equipment.

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

NOTICE

INOPERABLE DEVICE

- Disconnect all the equipment before installing/dismantling cables or wires.
- Position and adequately fix the device to prevent cable disconnection.
- The TTL cable must be routed separately from the power cables.
- Verify the length of the TTL cable, referring to the datasheet of the compatible Eliwell AIR device.

Failure to follow these instructions can result in equipment damage.

NOTICE

UNINTENDED EQUIPMENT OPERATION DUE TO ELECTROSTATIC DISCHARGE OR DURING INSTALLATION

- Keep the device in the protective packaging until ready for installation.
- When handling sensitive equipment, use an earthed protective device against electrostatic discharge.
- Before handling the device, always discharge the static electricity from the body by touching an earthed surface or type-approved antistatic mat.

Failure to follow these instructions can result in equipment damage.

NOTICE

INOPERABLE EQUIPMENT

Stay within range of the dongle (10 m) until the firmware update is complete.

Failure to follow these instructions can result in equipment damage.

Flammable refrigerant gases

This equipment is designed to operate in non-hazardous areas and where applications which generate - or could potentially generate - hazardous atmospheres have been isolated. Install this equipment only in areas and with applications known to be constantly free from hazardous atmospheres.



HAZARD OF EXPLOSION

- Install and use this equipment in non-hazardous locations only.
- Do not install or use this equipment in applications which could generate hazardous atmospheres, such as those using flammable refrigerants.

Failure to follow these instructions will result in death or serious injury.

For information regarding the use of control equipment in applications capable of generating hazardous materials, please contact the regulatory office or the local, regional or national certification authority.

Before starting

Do not use this product on machines which do not have effective workstation protection.
A lack of effective workstation protection on a machine may result in serious injury to the machine operator.

WARNING

EQUIPMENT WITHOUT PROTECTION

Do not use this software or the relative automation equipment on a device lacking protection on the workstation.
Failure to follow these instructions can result in death, serious injury, or equipment damage.

This automation equipment and the relative software are used to control various industrial and commercial processes. Only the user, the machine manufacturer or the system integrator can be up-to-date in terms of all the conditions and factors present when preparing, starting up and servicing the machine and therefore only they are able to determine which automation equipment and corresponding safety devices and interlocks can be used correctly.

When the automation and control equipment and the relative software are selected for a particular application, the applicable local and national standards and regulations must also be taken into consideration. Furthermore, the manual for accident prevention of the National Safety Council (recognized nationally in the United States of America) provides very useful information.

Before putting the equipment into service, make sure that all the safety devices and appropriate mechanical/electrical interlocks relating to the protection of the workstation have been installed. All the interlocks and safety devices relating to workstation protection must be coordinated with the corresponding software programming and automation instruments.

Start-up and testing

Before using the electric control and automation equipment for normal operation after installation, the system should be subjected to a start-up test by qualified personnel to make sure the equipment is functioning correctly.

It is important to carry out the preparations for this check and that sufficient time is provided in order to completely and satisfactorily perform the test.

WARNING

DANGER WHEN STARTING-UP THE EQUIPMENT

- Verify that all installation and preparation procedures have been completed.
- Before performing the operating tests, remove all the locks or other temporary retaining devices used when shipping the device components.
- Remove any tools, measuring instruments and debris from the equipment.

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

Perform all the start-up tests recommended in the equipment documentation. Conserve all equipment documentation for future consultation.

The custom software must be tested in a simulated environment as well as in the real environment.

Check that the completed system is free of short circuits and that the temporary earth system is not installed in compliance with local standards (for example the National Electrical Code in the US). If it is necessary to perform high potential voltage tests, comply with the recommendations provided in the equipment documentation in order to avoid damaging the device.

Before powering the equipment:

- Close the door in the equipment casing.
- Remove all the temporary earth systems from the incoming power supply lines.
- Perform all the start-up tests recommended by the manufacturer.

Terminology Derived from Standards

The technical terms, terminology, symbols and the corresponding descriptions in this manual, or that appear in or on the products themselves, are generally derived from the terms or definitions of international standards. In the area of functional safety systems, drives and general automation, this may include, but is not limited to, terms such as safety, safety function, safe state, fault, fault reset, malfunction, failure, error, error message, dangerous, etc.

Among others, these standards include:

Standard	Description
IEC 61131-2:2007	Programmable controllers, part 2: Equipment requirements and tests.
ISO 13849-1:2015	Safety of machinery: Safety related parts of control systems. General principles for design.
EN 61496-1:2013	Safety of machinery: Electro-sensitive protective equipment. Part 1: General requirements and tests.
ISO 12100:2010	Safety of machinery - General principles for design - Risk assessment and risk reduction.
EN 60204-1:2006	Safety of machinery - Electrical equipment of machines - Part 1: General requirements.
ISO 14119:2013	Safety of machinery - Interlocking devices associated with guards - Principles for design and selection.
ISO 13850:2015	Safety of machinery - Emergency stop - Principles for design.
IEC 62061:2015	Safety of machinery - Functional safety of safety-related electrical, electronic, and electronic programmable control systems.
IEC 61508-1:2010	Functional safety of electrical/electronic/programmable electronic safety-related systems: General requirements.
IEC 61508-2:2010	Functional safety of electrical/electronic/programmable electronic safety-related systems: Requirements for electrical/electronic/programmable electronic safety-related systems.
IEC 61508-3:2010	Functional safety of electrical/electronic/programmable electronic safety-related systems: Software requirements.
IEC 61784-3:2016	Industrial communication networks - Profiles - Part 3: Functional safety fieldbuses - General rules and profile definitions.
2006/42/EC	Machinery Directive.
2014/30/EU	Electromagnetic Compatibility Directive.
2014/35/EU	Low Voltage Directive.

In addition, terms used in the present document may tangentially be used as they are derived from other standards such as:

Standard	Description
IEC 60034 series	Rotating electrical machines.
IEC 61800 series	Adjustable speed electrical power drive systems.
IEC 61158 series	Digital data communications for measurement and control – Fieldbus for use in industrial control systems.

Finally, the term zone of operation may be used in conjunction with the description of specific hazards, and is defined as it is for a hazard zone or danger zone in the Machinery Directive (2006/42/EC) and ISO 12100:2010.

NOTE: The aforementioned standards may or may not apply to the specific products cited in the present documentation. For more information concerning the individual standards applicable to the products described herein, see the characteristics tables for those product references.

Before first use

Contents

This section includes the following topics:

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HACCP Module and connectivity

Before installing the solution, carefully read this chapter. It lists the actions required to complete the initial start-up procedure.

Requirements

- The **Eliwell AIR APP** is installed (see [Eliwell AIR APP installation](#))

Description

With the **HACCP Module**, you can easily connect to Eliwell controllers using the **Eliwell AIR APP**.

Note: Each **HACCP Module** connects directly to one Eliwell device. This removes the need for communication wiring between instruments.

The **Eliwell AIR APP** can detect multiple **HACCP Module** nearby via Bluetooth. The modules are shown in a list of available devices, and the user can connect to one module at a time to configure the instrument connected through TTL.

Solution components

- **Eliwell AIR APP**
- **HACCP Module**
- Compatible devices (such as EWRC, LKDNext, IDNNext, EWNNext, TelevisIn, TelevisOut, etc.)

Eliwell AIR APP installation

Procedure to install Eliwell AIR APP

The **Eliwell AIR APP** can be downloaded in two ways:

- A. Directly from APP Store (iOS) or Google Play (Android)
- B. From the Eliwell website

NOTICE
INOPERABLE DEVICE <ul style="list-style-type: none">• 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.

A. Download from APP Store or Google Play

1. Open the APP Store or Google Play
2. Search for '**Eliwell AIR**'
3. Select the application.
4. Follow the setup wizard.

B. Download from Eliwell Website

1. Verify that your mobile device has a QR code scanner APP installed. If not, download one.
2. Scan the image shown in the figure below.
3. Allow your mobile device to open the Eliwell website: <https://www.eliwell.com/en/App/EliwellAIR.html>
4. On the webpage, select the appropriate store (APP Store or Google Play).
5. Follow the setup wizard.



Product Information

Contents

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Overview

HACCP Module Solution

The **Eliwell AIR APP** enables configuration, diagnostics, and data logging via Bluetooth, while the **HACCP Module** allows local secure data transfer. The solution is compatible with various Eliwell controllers, offers multilingual support, and works on iOS and Android. Key features include local telemetry visualization in table or graph format.

Eliwell AIR APP

The Mobile Application is a diagnostic, maintenance and software management tool targeted at Original Equipment Manufacturers, Installers and End Users of Commercial Refrigeration coolers and related to the Eliwell Air 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 HACCP Module Bluetooth.

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

- Easily connect via Bluetooth to compatible Eliwell controllers with **Eliwell AIR APP**.
- Read and write all device parameters, with smart grouping for easier navigation.
- Protect configurations using the same password system integrated in the controllers.
- Save and open configuration files for quick setup.
- Share configurations across controllers using **Eliwell AIR APP**.
- Monitor key system resources such as alarms, temperature, humidity, and digital outputs.
- Send commands manually such as defrost activation.
- Configure data logging by selecting up to 8 resources, with a minimum logging interval of 5 minutes.
- View recorded history within the HACCP Module.

HACCP Module

Description

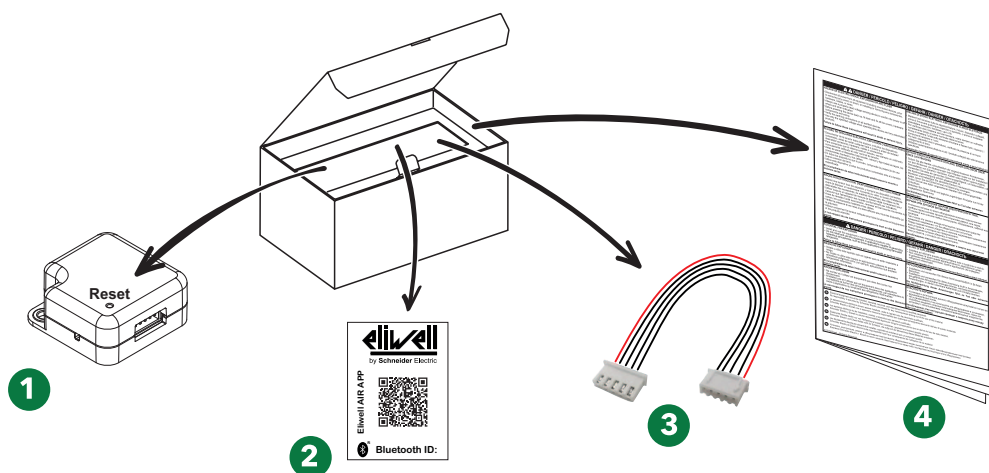
The **HACCP Module** is a compact Bluetooth dongle designed for food service professionals. It enables seamless Modbus connectivity between your smartphone and Eliwell controllers, making configuration fast and intuitive through the **Eliwell AIR APP**.

The **HACCP Module** allows refrigeration technicians to streamline the setup and maintenance by enabling full configuration of compatible controllers directly from a smartphone.

For food service operators, it offers immediate value through temperature logging.

Solution components

- 1x **HACCP Module**
- 1x **Eliwell AIR APP**
- 1x AIR compatible controller



Label	Description
1	HACCP Module device.
2	Label with a image to use to download Eliwell AIR APP
3	TTL cable for connecting HACCP Module with Eliwell controller (depending on model).
4	HACCP Module Instruction Sheet

Eliwell AIR APP

Mobile application for easy controller configuration and enabling data recording.

The **Eliwell AIR APP** can be downloaded from the:

- Eliwell website (<https://www.eliwell.com/en/App/EliwellAIR.html>) using the links to the 'APP store' or the 'Play store'
- **APP store** for iOS operating system (version 12.0 or greater)
- **Play store** for Android operating system (version 11.0 or greater).

For information regarding the cables to use with the **HACCP Module**, please contact your local Eliwell representative.

Note: Update the '**Eliwell AIR APP**' to the latest available version.

Main features

HACCP Module

- BLE (Bluetooth) connectivity
- Internal memory for Data storage (no data loss in case of power outage)
- TTL interface vs controllers
- Bluetooth low energy 5.0
- One LED to display the Bluetooth connection status
- Panel mounting using a screw with nominal diameter of 3.9...4.2 mm (0.15...0.17 in.)
- Image present on the label supplied with the product to scan for accessing the section dedicated to **Eliwell AIR APP** on the Eliwell website





Eliwell AIR APP

- Read and Write all device parameters with smart grouping for easier navigation.
- Protect configurations with the same password system as the controllers
- Save and open configuration files for quick setup
- Share configurations between devices running Eliwell AIR APP.
- Monitor key resources such as alarms, temperatures, humidity and outputs.
- Send manual commands like defrost activation.
- Configure datalogging: Select up to 8 resources with a minimum logging interval of 5 minutes.

HACCP Module models

Below is the list of available models:

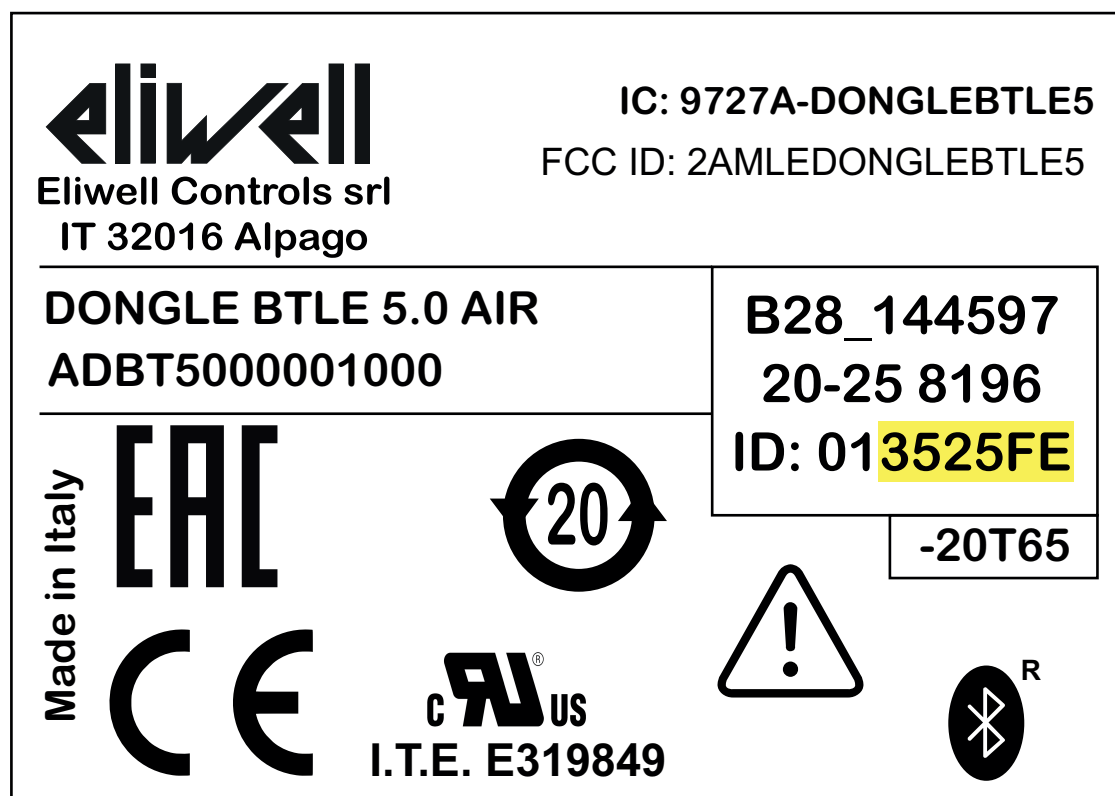
Reference	Description	Communication Ports	Connectivity	Power Supply	Web Page
ADBT50005110H0	HACCP module - BTLE 5.0 with 1500206 cable AIR	TTL			A 
ADBT5000001000	DONGLE BTLE 5.0 DATALOG AIR	TTL			B 

A = <https://www.eliwell.com/en/Partnumber/ADBT50005110H0.html>

B = <https://www.eliwell.com/en/Partnumber/ADBT5000001000.html>

HACCP Module ID

The ID of the **HACCP Module** displayed on **Eliwell AIR APP** is present on the label of the device (yellow box). See example below:



Compatibility

Eliwell AIR APP are compatible with all Eliwell controller that includes 'AIR' in the description or one of the Eliwell compatible families listed below:

- IDNext 9** series
- IDNext 1*** series
- IDNext Panel
- EWNNext 9** series
- EWNNext 1*** series
- EWRC (Coldface)
- EWHT600
- LKDNext
- TelevisIn
- TelevisOut
- etc.

Note: In case of doubt, please contact a Eliwell by Schneider Electric representative for further information regarding the compatible controllers that can be used.

⚠ DANGER







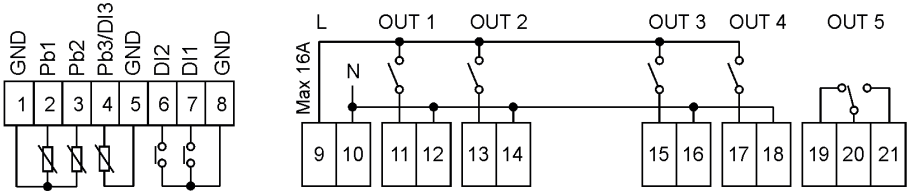
HAZARD OF EXPLOSION

- Use the HACCP Module exclusively with compatible Eliwell instruments.
- Install the HACCP Module inside the refrigeration unit, in an inaccessible location.

Failure to follow these instructions will result in death or serious injury.

Example of AIR compatible controller

The description is present on the controller or package label. See example below:

COLDFACE	EWRC 500 NT	AIR	 Eliwell Controls srl IT 32016 Alpagò
RCNA3UDRX2E700			
	EU - max 250 Vac	USA - max 240 Vac	
 OUT1	12(8)A	12FLA 72LRA	Made in Italy 
 OUT2 / OUT4	8A	8FLA 48LRA	
 OUT3	8(4)A	8A res 4.9FLA 29.4LRA	
 OUT5	NO 8(4)A NC 6(3)A	NO 8A res 4.9FLA 29.4LRA NC 6A res	
Supply 230V~±10% 50/60Hz 11VA			-5T50 (EN 60730-1)
			

Languages supported

The languages currently supported by the software are as follows:

- Italian
- English
- Spanish
- German
- French
- Russian

Note: additional languages may be made available in the future.

Updating the application

Cache settings may influence the loading process of the new system version.

NOTICE

INOPERABLE DEVICE

Following an application update, clear the browser history used to access the system.
Failure to follow these instructions can result in equipment damage.

Cybersecurity

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Overview

This Eliwell product includes functions that enable Information security. These functions come as default and can be configured according to your own installation requirements.

NOTE: deactivating or changing the settings for these individual functions can positively or negatively affect the overall posture of the device security.

It is also necessary to observe best practices in order to guarantee advanced system protection and help ensure the security of the system as a whole.

For more information, please refer to: "[Cybersecurity Best Practices](#)" (English document).

Eliwell adheres to industry best practices in the development and implementation of control systems. This includes a Defense-in-Depth approach which protects the controller by limiting access exclusively to authorized personnel and protocols.

▲ WARNING

UNAUTHORISED ACCESS AND SUBSEQUENT NETWORK INTRUSION

- Assess whether the room or the machines are connected to the critical infrastructure and, if so, take suitable preventative measures, based on "defense-in-depth" strategy, before connecting the automation system to any network.
- Minimize the number of devices connected to a network.
- Isolate your industrial network from other networks within the company.
- Protect any network from unintentional access using firewalls, VPNs or other proven security measures.
- Prevent direct access or direct connection to the devices concerned by unauthorized individuals or unauthorized actions.

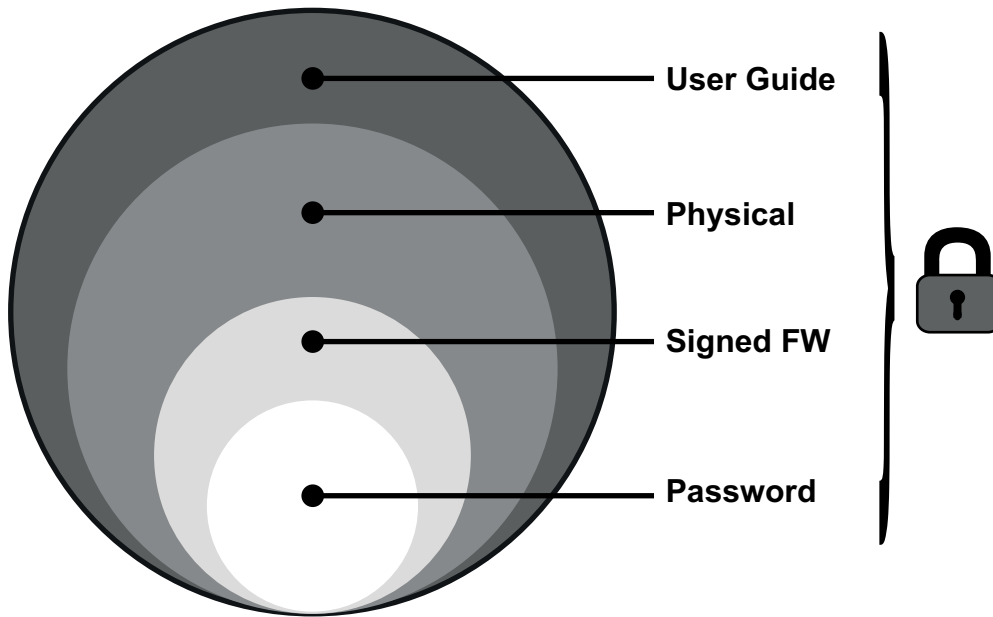
Failure to follow these instructions can result in death, serious injury, or equipment damage.

Defense in Depth

Overview

The protection levels of the device are:

1. User Guide
2. Physical
3. Signed firmware
4. Password



1. User Guide

This document with their Safety Messages, Recommendations, etc.

2. Physical

Make sure to install the **HACCP Module** in a place accessible only by authorized personnel and protect the access to the communication ports.

3. Signed firmware

The **Eliwell AIR APP** is update only via APP Store or Google Play that provided the protection.

4. Password

Protection is provided by:

- **HACCP Module** requires a direct connection and physical access to establish a connection with the **Eliwell AIR APP**.
- The **Eliwell AIR APP** is protected by the mobile device. The mobile device (phone or tablet) secure access to the **Eliwell AIR APP** using password-based authentication or biometrics like fingerprint and face recognition.

Security hardening guidelines

Recommendations

⚠ DANGER

HAZARD OF EXPLOSION

- Use the HACCP Module exclusively with compatible Eliwell instruments.
- Install the HACCP Module inside the refrigeration unit, in an inaccessible location.

Failure to follow these instructions will result in death or serious injury.

Allow access to the device only to authorized and qualified personnel (see '**Personnel qualification**' section)

Secure disposal guidelines

Procedure

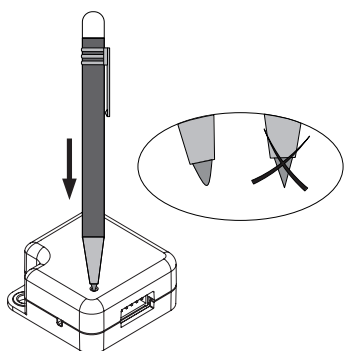
The guidelines for removing the **HACCP Module** and help prevent potential data disclosure are:

1. Restore default value (see '**Restore default values**' section)
2. Remove the device (component/system) from its intended environment
3. Recycle the device properly (see '**HACCP Module Disposal**' section)

Restore default values

When necessary, you can restore the default value.

To do so, press and hold the RESET button using a blunt plastic object for more than 5 seconds.



HACCP Module Disposal

For security reasons, before removing the controller, we recommend to reset the HACCP Module to the default value (see 'Restore default values').

NOTICE

DISCLOSURE OF APPLICATION DATA

Reset the controller to the default values to help prevent data disclosure.

Failure to follow these instructions can result in equipment damage.



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

Secure operation guidelines

Eliwell AIR APP upgrade

The procedure to upgrade the **Eliwell AIR APP** is:

- Wait for the operating system to deliver the update notification, or manually open the APP Store or Google Play and verify for available updates.
- Tap the **Eliwell AIR APP** icon to start the software update
- Wait until the installation process is complete

Personnel qualification

Only personnel with suitable training and an in-depth knowledge and understanding of the contents of this manual and any other documentation relevant to the product are authorized to work on and with this product.

Qualified personnel must be capable of identifying any dangers which may arise from the parameterization or changing of parameter values, and from the use of mechanical, electric and electronic equipment in general. Plus, they must be familiar with the personal safety laws, provisions and regulations which must be observed during system planning and implementation.

Account management guidelines

Recommendations

Protect the **HACCP Module** and **Eliwell AIR APP** access.

Password

HACCP Module

Not applicable. Device pairing requires a direct connection and physical access to establish a connection with the **Eliwell AIR APP**.

Eliwell AIR APP

The **Eliwell AIR APP** is protected by the mobile device. The mobile device (phone or tablet) secure access to the **Eliwell AIR APP** using password-based authentication or biometrics like fingerprint and face recognition.

Mechanical installation

Contents

This section includes the following topics:

Before starting	28
Disconnecting Power	28
Operating environment	29
Installation Considerations	29
Mechanical dimensions HACCP Module	30
Panel mounting installation HACCP Module	30

Before starting

Read and understand this chapter before beginning the installation of your system.

Pay particular attention in conforming to any safety information, different electrical requirements, and normative standards that would apply to your machine or process in the use of this equipment.

The use and application of the information contained herein require expertise in the design and programming of automated control systems. Only you, the user, machine builder or integrator, can be aware of all the conditions and factors present during installation and setup, operation, and maintenance of the machine or process, and can therefore determine the automation and associated equipment and the related safeties and interlocks which can be effectively and properly used.

When selecting automation and control equipment, and any other related equipment or software, for a particular application, you must also consider any applicable local, regional or national standards and/or regulations.

WARNING

REGULATORY INCOMPATIBILITY

Be sure that all used equipments and designed systems comply with all applicable local, regional and national regulations and standards.

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

Disconnecting Power

All options and modules should be assembled and installed before installing the control system on a mounting rail, to a mounting plate or in a panel. Remove the control system from its mounting rail, mounting plate or panel before disassembling the equipment.

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, FIRE OR ARC FLASH

- Disconnect all power from all equipment including connected devices prior to removing any covers or doors, or installing or removing any accessories, hardware, cables, or wires except under the specific conditions specified in this hardware guide.
- Always use a properly rated voltage sensing device to confirm the power is off where and when indicated.
- Before restoring the power supply, replace and secure all covers, accessories, hardware, cables, and wires and confirm that a proper ground connection exists.
- Use only the specified voltage when operating this equipment and any associated products.

Failure to follow these instructions will result in death or serious injury.

Operating environment

This equipment is designed to operate in non-hazardous areas and where applications which generate - or could potentially generate - hazardous atmospheres have been isolated. Install this equipment only in areas and with applications known to be constantly free from hazardous atmospheres.

DANGER

HAZARD OF EXPLOSION

- Install and use this equipment in non-hazardous locations only.
- Do not install or use this equipment in applications which could generate hazardous atmospheres, such as those using flammable refrigerants.

Failure to follow these instructions will result in death or serious injury.

For information regarding the use of control equipment in applications capable of generating hazardous materials, please contact the regulatory office or the local, regional or national certification authority.

In addition to the 'Technical Data' section, please refer to the Product Information at the beginning of this document for important information regarding installation in hazardous areas for this specific equipment.

WARNING

UNINTENDED EQUIPMENT OPERATION

Install and use this equipment in compliance with the conditions described in the "Technical data" section of this document.

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

Installation Considerations

WARNING

UNINTENDED EQUIPMENT OPERATION

- Use appropriate safety interlocks where personnel and/or equipment hazards exist.
- Power line and output circuits must be wired and fused in compliance with local and national regulatory requirements for the rated current and voltage of the particular equipment.
- Do not use this equipment in safety-critical machine functions.
- Do not disassemble, repair, or modify this equipment.

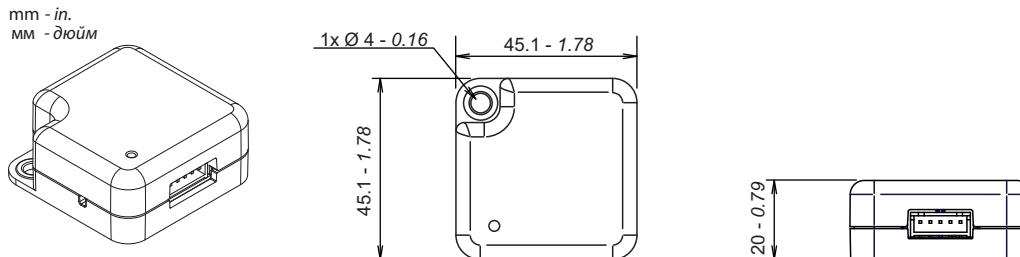
Failure to follow these instructions can result in death, serious injury, or equipment damage.

For the mechanical dimensions, refer to "[Mechanical dimensions](#)".

Mechanical dimensions HACCP Module

The mechanical characteristics of **HACCP Module** are:

- Length: 45.1 mm (1.78 in.)
- Height: 20.0 mm (0.79 in.)
- Depth: 45.1 mm (1.78 in.)



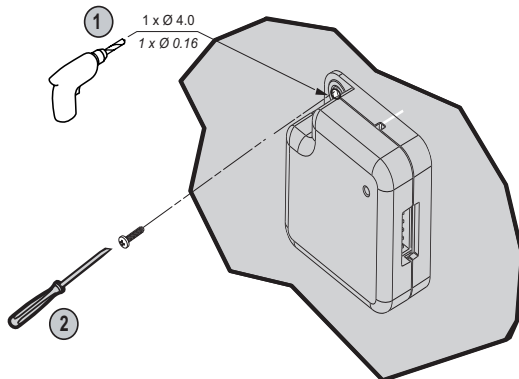
Panel mounting installation HACCP Module

HACCP Module is intended for panel-mounting (on a flat surface).

Note: **HACCP Module** is only suitable for indoor use. DO NOT install it outdoors.

How to install/uninstall the controller

To install, secure the device to the panel with 1 screws with nominal diameter of 3.9...4.2 mm (0.15...0.17 in.) (not supplied) in line with the holes illustrated in the figure below



Note: use cap screws only.

Note: leave the area around the slits clear to allow air recirculation and device cooling.

Electrical connections

Contents



This section includes the following topics:

Wiring Best Practices	32
Hardware HACCP Module	33
Connection example	34


Wiring Best Practices

Warnings

The following information describes the guidelines for wiring and the practices to follow when using the device.

  DANGER
HAZARD OF ELECTRIC SHOCK, EXPLOSION, FIRE OR ARC FLASH
<ul style="list-style-type: none"> • Disconnect all power from all equipment including connected devices prior to removing any covers or doors, or installing or removing any accessories, hardware, cables, or wires except under the specific conditions specified in this hardware guide. • Always use a properly rated voltage sensing device to confirm the power is off where and when indicated. • Before restoring the power supply, replace and secure all covers, accessories, hardware, cables, and wires and confirm that a proper ground connection exists. • Use only the specified voltage when operating this equipment and any associated products.
Failure to follow these instructions will result in death or serious injury.

 WARNING
HAZARD OF OVERHEATING AND/OR FIRE
Install and use the equipment exclusively in a protected environment, to prevent direct exposure to sunlight and atmospheric agents.
Failure to follow these instructions can result in death, serious injury, or equipment damage.

 WARNING
LOSS OF CONTROL
<ul style="list-style-type: none"> • The system designer must consider the potential failure modes of the control circuit and, for some critical control functions, provide a means for reaching a safe condition during and after a circuit failure. Examples of critical control functions are the emergency stop and end of travel stop, power supply cut-off and restart. • Separate or redundant control circuits must be provided for critical control functions. • The system control circuits can include communication connections. Keep in mind the implications of transmission delays or sudden connection failures. • Comply with all standards regarding accident prevention and local applicable safety directives ⁽¹⁾. • Every implementation of this equipment must be tested individually and completely in order to check its proper operation before it is commissioned.
Failure to follow these instructions can result in death, serious injury, or equipment damage.

⁽¹⁾ For additional information, refer to the standards NEMA ICS 1.1 (latest edition), “Safety Guidelines for the Application, Installation, and Maintenance of Solid State Control” and NEMA ICS 7.1 (latest edition) “Safety Standards for Construction and Guide for Selection, Installation and Operation of Adjustable-Speed Drive Systems” or to equivalent standards that regulate your particular location.

NOTICE
INOPERABLE DEVICE
<ul style="list-style-type: none"> • Disconnect all the equipment before installing/dismantling cables or wires. • Position and adequately fix the device to prevent cable disconnection. • The TTL cable must be routed separately from the power cables. • Verify the length of the TTL cable, referring to the datasheet of the compatible Eliwell AIR device.
Failure to follow these instructions can result in equipment damage.

Wiring guidelines

Observe the following standards when wiring the device:

- Verify that the operating conditions and surroundings comply with the specification values.
- Use wires of the correct diameter and suited to the voltage and current requirements.
- Use copper conductors (required).

Specific considerations for handling

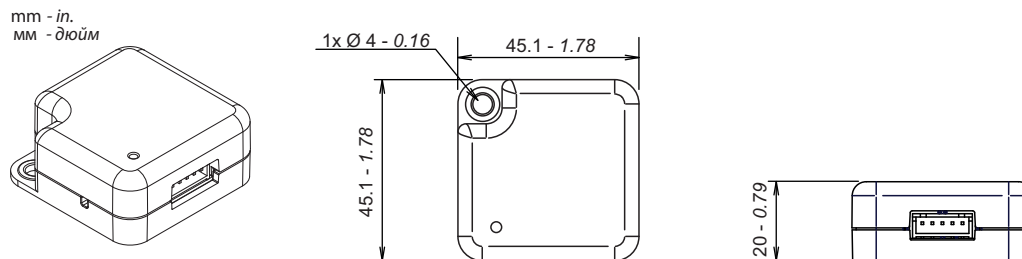
When handling the equipment, take care to avoid damage caused by electrostatic discharge. In particular, the unshielded connectors are extremely vulnerable to electrostatic discharge.

⚠ WARNING
UNINTENDED EQUIPMENT OPERATION DUE TO ELECTROSTATIC DISCHARGE
<ul style="list-style-type: none"> • Store the equipment in the protective packaging until ready for installation. • Before handling the equipment, always discharge the static electricity from the body by touching an earthed surface or type-approved antistatic mat.
Failure to follow these instructions can result in death, serious injury, or equipment damage.

Before any operations, check that the device is connected to a suitable external power supply. Please refer to "Technical Data".

Hardware HACCP Module

HACCP Module components are as follows:



Number	Description
1	TTL Connection towards instruments
2	Hole for accessing the Password reset button (see 'Reset Password')
3	Operating LED (see LED Operation section below)
4	Fixing hole. Use screws with nominal diameter: 3.9...4.2 mm (0.15...0.17 in.)

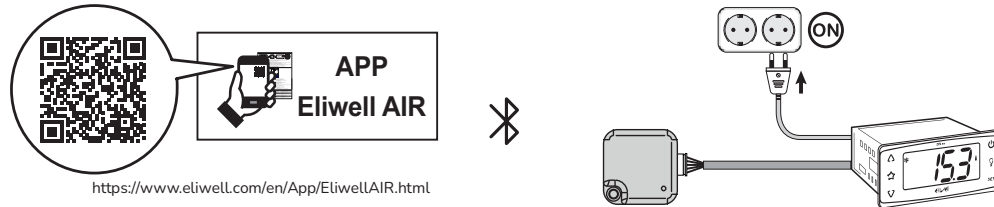
LED Operation

LED	LED flash timing	Description
Slow flashing	1 flash every 3 seconds	Device is ready for use
Fast flashing	1 flash per second	There is an active Bluetooth connection, so no additional device can connect
Very fast flashing	multiple flashes per second	The device is erasing the flash memory; under normal operation this happens when starting a data-logging session
Asynchronous flashing	3 flashes + pause alternatively	Instrument recognition failed, and the dongle is not ready for use

Connection example

HACCP Module and compatible device must be connected on TTL port using a cable with conductors with cross-section 0,5 mm² (see "Best wiring practices").

See below a connection example:



In the example were used:

- 1x **Eliwell AIR APP**
- 1x **HACCP Module**
- 1x Compatible device

Technical specification

Contents

This section includes the following topics:

Technical Data	36
FCC USA and IC Canada	37

Technical Data

Feature	Description
The product complies with the following harmonized Standards:	EN 62368-1
Product group:	Built-in component
Classification of use by:	Ordinary person
Equipment mobility:	For building-in
Mounted method:	see Mechanical Installation
Pollution degree:	2
Overvoltage category:	II
Insulation class:	N/A
Power supply:	3...5 Vdc (Bc) - From instrument via TTL cable
Consumption:	< 50 mW
Supply connection type:	Mating connector
Considered current rating of protective device:	20 A; Location: building
Ambient operating conditions:	Temperature: -20...65 °C (-4...149 °F) Humidity (non-condensing): 0...90 % RH
Transportation and storage conditions:	Temperature: -25...50 °C (-13...122 °F) Humidity (non-condensing): 0...90 % RH
Manufacturer's specified Tma (°C):	65 °C (149 °F)
Power supply system:	TN - TT
IP protection class:	IP20
Installation:	with screw
Wireless technology:	Bluetooth low energy 5.0
Operating frequency:	2402...2480 MHz
Maximum output power:	5 dBm
Maximum transmission range:	10 m (32,81 ft) in the absence of obstacles
Clock operating autonomy without power supply:	Typical value: 24 hours
Type of buffer used by Datalogging system:	Circular buffer ⁽¹⁾
Altitude during operation (maximum):	2000 m (6562 ft)
Mass of equipment:	< 1 kg

(1) 10'000 data entries can be logged. The circular buffer stores the 10'000 most recent data entries.

Note: The acquisition frequency set via APP determines the number of days for which data is logged on the device. For example, with a data acquisition frequency of 5 minute, the device will log data for 5 weeks before overwriting the oldest data.

WARNING

UNINTENDED EQUIPMENT OPERATION

Do not exceed any of the nominal values specified in the environmental and electric characteristics tables.
Failure to follow these instructions can result in death, serious injury, or equipment damage.

FCC USA and IC Canada

Compliance Statement / Déclaration de conformité

English	French
<p>This device complies with the following requirements:</p> <ul style="list-style-type: none"> FCC (Federal Communications Commission) - Part 15 ISED (Industry Canada) RSS-102 and RSS-247 and RSS-Gen <p>Operation is subject to the following two conditions:</p> <ol style="list-style-type: none"> This device may not cause harmful interference, and This device must accept any interference received, including interference that may cause undesired operation of the device. <p>Changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.</p> <p>The sensor is designed for use at least 200 mm (7.87 in.) away from the operator in normal operating conditions.</p> <p>FCC ID: 2AMLEDONGLEBTLE5 IC: 9727A-DONGLEBTLE5</p>	<p>Cet appareil est conforme avec les exigences suivantes:</p> <ul style="list-style-type: none"> FCC (Federal Communications Commission) - Partie 15 ISED (Industry Canada) RSS-102 and RSS-247 and RSS-Gen <p>L'operation est sujet aux deux conditions suivantes:</p> <ol style="list-style-type: none"> Cet appareil ne peut pas causer d'interference nuisable, et Cet appareil doit accepter n'importe quelle interference reçu, incluant l'interference qui pourrait causer une operation indesirée du dispositif. <p>Les changements ou modifications non approuvés expressément par la partie responsable de la conformité pourrait annuler l'autorité de l'utilisateur à utiliser l'équipement.</p> <p>Le capteur est conçu pour être utilisé, dans les conditions de fonctionnement normales, à plus de 200 mm (7.87 in.) de l'opérateur.</p> <p>FCC ID: 2AMLEDONGLEBTLE5 IC: 9727A-DONGLEBTLE5</p>

FCC further information

Code of Federal Regulations (CFR) - §15.105 (a) Information to the user / Information à l'utilisateur:

English	French
<p>NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.</p>	<p>REMARQUE: Cet équipement a été testé et jugé conforme aux limites d'un appareil numérique de classe A, conformément à la partie 15 des règles de la FCC. Ces limites sont conçues pour fournir une protection raisonnable contre les interférences nuisibles lorsque l'équipement est utilisé dans un environnement commercial. Cet équipement génère, utilise et peut émettre de l'énergie radiofréquence et, s'il n'est pas installé et utilisé conformément au manuel d'instructions, peut causer des interférences nuisibles aux communications radio. L'utilisation de cet équipement dans une zone résidentielle est susceptible de causer des interférences nuisibles, auquel cas l'utilisateur sera tenu de corriger les interférences à ses propres frais.</p>

Eliwell AIR APP functions

Contents

This section includes the following topics:

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First connection to the controller	40
Menu	41
Controller configuration	42
Settings Menu	43
Open & Save Menu	45
History - Datalogging setup	46
History - Local telemetry	47

First access to Eliwell AIR APP

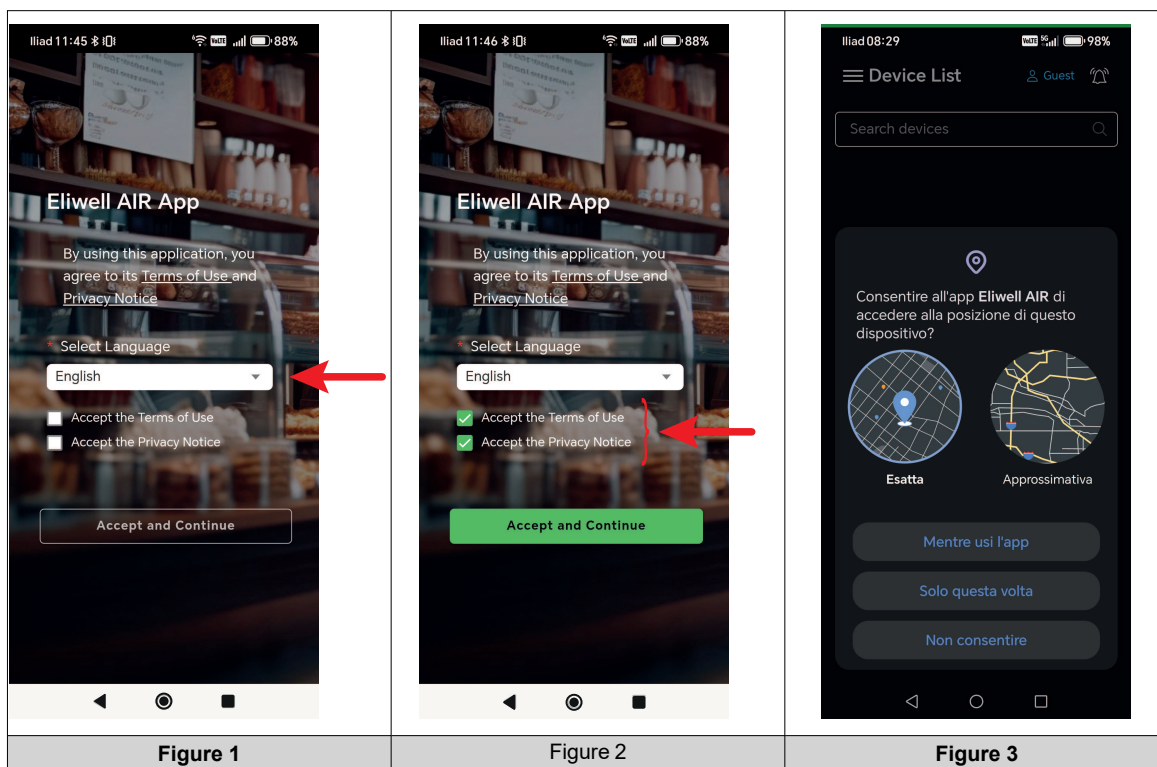
Requirements

The **Eliwell AIR APP** is installed (see [Eliwell AIR APP installation](#))

Procedure

When launching the **Eliwell AIR APP**, a splash screen will appear for a few seconds. Once the splash screen disappears, you will need to perform a few actions:

1. Accept the application access to device multimedia
2. Select the language to use for User interface (Figure 1).
3. Read and accept "Terms and conditions" and "Privacy Notice" texts by tick the relative box (Figure 2).
4. Choose **Enter as Guest** (**Login to Eliwell Air** option is not required with **HACCP Module**)
5. Accept to receive application notification
6. Accept the application access to GPS position (Figure 3).
7. Verify that the Bluetooth is active



8. Verify that the **Eliwell AIR APP** have the pop-up notifications active and allow all the necessary permissions
9. After completing the above requests, the application opens the device list page with the list of all the devices available for connection.

Note: Now you are ready to connect the **Eliwell AIR APP** to the available devices with a single tap.

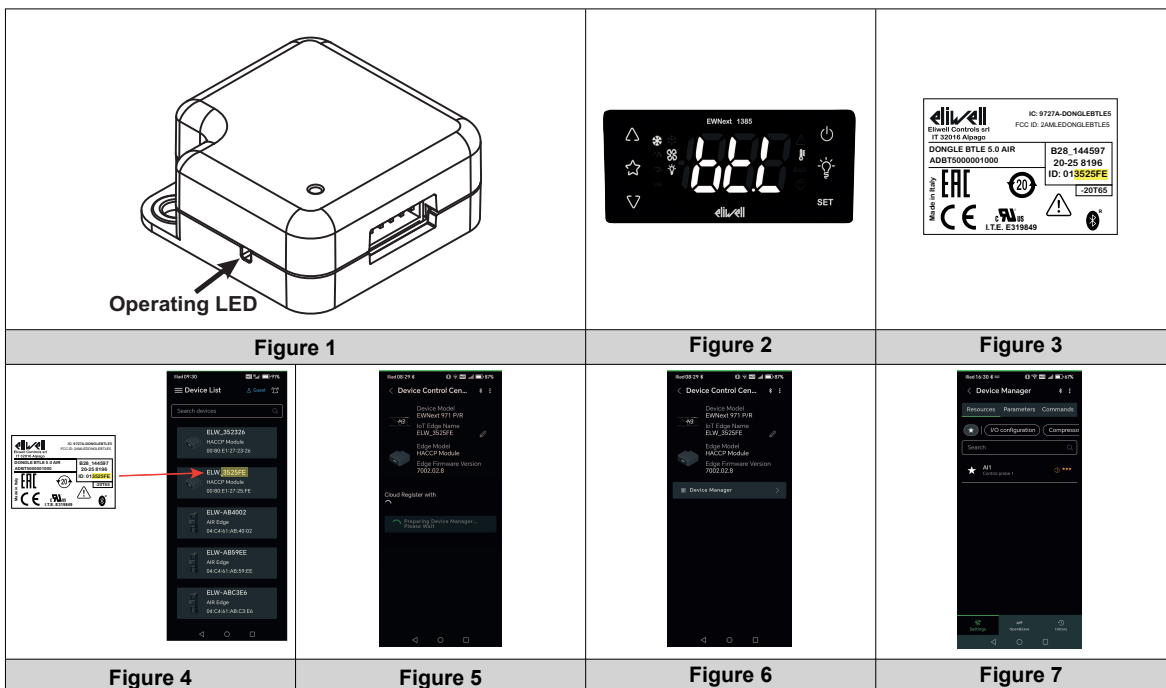
First connection to the controller

Requirements


- Make sure Bluetooth is turned on and the signal is strong.
- The **Eliwell AIR APP** installation is complete (see [APP installation](#) and [First access](#))
- The Eliwell controller is connected to **HACCP Module**.
Note: If the connection to the compatible controller is not active, the **HACCP Module** LED will flash in asynchronous (3 flashes + pause alternatively).

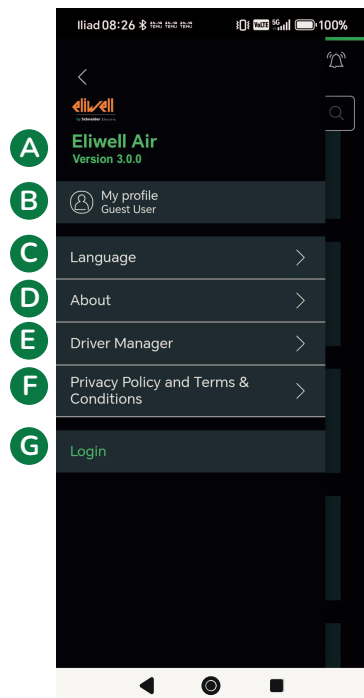
Procedure

1. Power on the controller
2. Launch the **Eliwell AIR APP**
3. Choose **Enter as Guest (Login to Eliwell Air option is not required with HACCP Module)**
4. The operating LED (**B**) on the **HACCP Module** will flash slow (1 flash every 3 seconds)(see [LED Operation](#) section) (Figure 1).
- The **BTL** label will flash on the controller display while the device is in pairing mode (Figure 2).
 1. The Device List page will display a list of device available near your position (Figure 4).
Note: if a controller is already connected to another **Eliwell AIR APP**, it will not appear in the list until the previous connection ends.
 2. Select the desired controller (tap the name) from the list of available controllers.
Note: Make sure to select the controller with the same serial number shown on its label (Figure 3).
 3. The **Eliwell AIR APP** will now display the Device Control Center page (Figure 5) with the following information:
 - Device Model
 - IoT Edge Name
 - Edge Model
 - Edge Firmware Version
 4. During this loading phase, the button will display the message: “Preparing Device Manager - Please Wait” (Figure 4). Once the loading is complete, the message will change to “Device Manager” (Figure 6).
Note: On the first connection between the device and the controller, loading the Device Manager may take up to 60 seconds.
 5. Access the "Device Manager" page (Figure 7)
 6. Now the first connection is complete



Menu

Tap  to open the application menu.




	Content	Description
A	Header	Displays Eliwell AIR and the application release (x.xx.xx)
B	My profile	Not used with HACCP Module . This option is only applied if you are using EW AIR EDGE and logging in to Eliwell AIR Cloud .
C	Language	Sets one of the available languages. Note: Some texts are managed by the operating system and will appear in the language set on your device.
D	About	Displays the Eliwell AIR APP version and a short description of the solution.
E	Driver Manager	Shows the list of installed drivers and allows driver management (upload/update). Note: Tapping a driver name displays all the models that use that driver.
F	Privacy Policy & Term & Conditions	Displays the full text of "Data Protection Notice" and "Term of Use"
G	Login	Non applicable. Note: Login is disabled when using HACCP Module.

Controller configuration

Requirements

- Make sure Bluetooth is turned on and the signal is strong.
- The first connection to the controller is complete (see [First connection](#))

Procedure

1. Tapping the name of the controller desired to connect with it
2. To access the Device Manager, please wait until the interface has fully loaded.
3. During this loading phase, the button will display the message: "Preparing Device Manager - Please Wait". Once the loading is complete, the message will change to "Device Manager".
Note: On the first connection between the device and the controller, loading the Device Manager may take up to 60 seconds.
4. Tap the "Device Manager" button to open the Device Manager menus to proceed with the controller.
5. The "Device Manager" section will show three main menus
 - **Settings:** (Default) It displays the preset list of Resources, Parameters and Commands with the relative value.
Note: To move between Resources, Parameters and Commands, tap on the relative label.
 - **Open&Save:** allows you to export/import device configuration on a .CSV or .xlsx file
 - **History:** allows you to configure and analyze the datalogging resources (see [History - Datalogging setup](#) and [History - Telemetry](#))
6. The "Device List" page also have the  (three-dot) in the upper-right corner to change PIN
Note: PIN value can be resetted by pressing the reset button on the **HACCP Module**

Note: only one controller can be selected at a time with **Eliwell AIR APP**


Note: In order to work properly, the maximum distance between the mobile device and the **HACCP Module** should be 10 m (32,81 ft), with no obstacles in between. If there is no signal, you will not be able to connect.

Settings Menu

Requirements

- Make sure Bluetooth is turned on and the signal is strong.
- Confirm that the controller has been paired for the first time (see [First connection](#))

Procedure to access resources

1. Tap the name of the desired controller
2. Verify that **Device Manager** is active and tap it
Note: only one controller can be selected at a time.
Note: For proper operation, the maximum distance between the mobile device and the controller should be 10 m (32,81 ft) with no obstacles. If there is no signal, you will not be able to access the controller's main page.
3. Tap **Settings** (). The page displays the preset list of resources (default).
4. Select one of the following resource types:
 - Resources
 - Parameters
 - Commands
5. Tap the star icon in the upper-left corner to view your own favourite list of resources (resources, parameters, commands)

Create a favorite list of resources

1. At the first access of each session to the Device Manager section, the **Eliwell AIR APP** automatically opens the 'Settings' menu, with the 'Favorites' filter enabled by default.
2. Select the **Resources** tab desired between Resources, Parameters and Commands.
3. To display all available resources, tap the star icon located in the upper-left corner of the screen. This action disables the Favorites filter and shows the complete list of resources.
4. Add or remove resources by tapping the star icon next to each item. When the star is checked, the resource is added to your Favorites list; tapping it again, removes the resource from the list.
5. Tap again the star icon located in the upper-left corner of the screen to view only the favourite resources.

Note: Resources are associated to specific functions (for example, Compressor). Use the group filter near the star or the Search box for manual search.

Note: If a resource displays "****", it means that the measured value is outside the allowed range. This condition typically indicates a error probe or a wiring error.

Managing selected resources

RESOURCES tab

Resources are displayed by default. The values shown are read-only.

PARAMETERS tab

Parameters without password can be modified as described below:

1. Tap a parameter value to edit it. A dialog box will appear where you can change the value.
2. Change the value.
3. Tap **Cancel** to discard changes or **Write** to save the new value.

Parameter with password can be modified as described below:

1. Tap a parameter value to edit it. A dialog box will appear with the option to modify the parameter locked by password.
2. Tap **Unlock**
3. Insert the PIN (password value). The password is the same of the controller connected to the TTL of **HACCP Module**.
4. Tap **Cancel** to discard changes or **Apply** to save the value.
5. Change the value using the '+' and '-' buttons or by selecting from a list of preset values
6. Tap **Cancel** to discard changes or **Write** to save the new value.

Note: When you unlock a parameter, the unlock action automatically applies to all parameters that use the same PIN.

The parameters remain unlocked until the **Eliwell AIR APP** is open.

After closing and reopening the **Eliwell AIR APP**, parameters with passwords return to being locked.

COMMANDS tab

Tap a command label (▶) to execute it.

Note: The command label turns green (▶) to indicate that the action was successfully executed. If an error occurs, the command label turns red (▶).

Open & Save Menu

Requirements

Make sure Bluetooth is turned on and the signal is strong.




Open & Save

1. Connect to the controller to access the "Device Control Center" section
2. Access the Device Manager section
3. Select **Open&Save** (↔) menu
4. Select one of the following operation types:
 - **Save** = Save the controller's parameter configuration on your mobile.
 - **Open** = Load a previously saved parameter configuration (stored on the mobile) into the controller connected to the **HACCP Module**

Save configuration

1. Select the **Save** tab.
2. Select one of the two download icons:
 - **Save CSV** = allows to save a file in .csv format
 - **Save Excel** = allows to save a file in .xlsx format
3. A dialog box will open
 - Insert a valid file name
 - Tap **Save** to save the file.
 - Wait until the operation is complete. The operation may required a couple of minutes.
 - Select how manage it between:
 - **Share** = you can select how to share it (Email, whatsapp, drive, etc)
 - **View in folder** = open the folder with the exported files
4. Tap **Cancel** to discard operation.

Open configuration

1. Select the **Open** tab.
2. Tap on **Open Excel/CSV File** icon
3. Select the file to import from the File Manager list with the icon  on his right or select the icon  to browse mobile file system to select a file in a different folder
4. A dialog box will show the upload operation progress
5. After the import process is complete, tap on  of the dialog box and the File Manager page

History - Datalogging setup

Requirements

Make sure Bluetooth is turned on and the signal is strong

Procedure

1. Connect to the controller to access the "Device Control Center" section
2. Tap on the Device Manager button to access the "Device Manager" section
3. Select the **History** (🕒) menu
4. Tap the icon (+)
5. In the new windows will display the resources selected for datalogging.
Note: the first time the resources are not selected.
Note: the maximum number of resources selectable is 8.
6. To select/update the list of resources to datalogging tap on **Change Datalogging** icon (☐)
7. Now you will be able to:
 - Select the Sampling Frequency time
 - display a specific group of parameters/resources using the group list in the page
 - Add/remove resources
8. Tap on **Start Datalogging** icon to activate datalogging of selected resources.
9. A new pop-up windows will appear and you have to select between:
 - **Stay Connected:** you save configuration but you are still connected and able to change resources.
Note: Datalogging will not start until you are connected.
 - **Start Datalogging:** the datalogging start to memorized data and you will be disconnected.
10. Add/remove resources



History - Local telemetry

Telemetry data is stored and retrieved locally from the HACCP Module. No cloud connection is involved.



Requirements

- Make sure you have activated datalogging (refer to [History - Datalogging setup](#) section)
- Make sure Bluetooth is turned on and the signal is strong

Procedure

1. Connect to the controller to access the "Device Control Center" section
2. Tap on the Device Manager button to access the "Device Manager" section
3. Select the **History** (🕒) menu
4. During this loading phase, the **Eliwell AIR APP** will display the message: "Reading the data from selected Resources". Once the loading is complete the **Eliwell AIR APP** will display a table with historical data.
5. Select one of the following options:
 -  = Displays the stored data in a table view (displayed by default)
 -  = Displays the stored data in a graph view
6. Select one of the following time ranges:
 - Last 24 hr
 - Last Week
 - Date selection box (defaults to the current day)

Export stored data

1. Connect to the controller to access the "Device Control Center" section
2. Tap on the Device Manager button to access the "Device Manager" section
3. Select the **History** (🕒) menu
4. Select  (stored data in a table view).
5. Select  to export stored data as:
 - **Save as CSV:** Export data in ".csv" format
 - **Save as XLSX:** Export data in ".xlsx" format
 - **Save as PDF:** Export data in ".pdf" format

Note: The graph view can not be exported.

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