

# AIVIA

## AEDs protection and monitoring



aivia

# #FINDANAIVIA



**50+**  
Countries



**+ 500 000**  
AIVIA installed



**15**  
years of experience



## AEDs in public access

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Cardiac arrest is the leading cause of death in developed countries. In order to increase survival rates, the provision of public access automatic external defibrillators (AEDs) is a solution promoted by health authorities.

AEDs are medical devices and require installation under certain conditions to comply with their recommendations, particularly compliance with temperature ranges.



# Facilitate and protect access to AEDs

From a simple AED protection cabinet to a comprehensive surveillance cabinet that can be positioned outside with heating, AED status monitoring, emergency service calls and even

photo control functionalities, the Aivia range provides solutions suited for every needs.

## The importance of regulated ventilation

AIVIA cabinets are equipped with a ventilation system activated by a temperature sensor. The purpose of the fan is to extract heat and moisture from the cabinet.

The fan helps to prevent condensation and thus prevents damage to the AEDs and also preventing problems when opening the cabinet door.



## **+15 years of experience**

AIVIA green cabinets equip places accessible to the public with more than 500,000 cabinets installed worldwide.



## **Resistant**

AIVIA cabinets are designed with strong materials to maximize impact resistance.



## **Easy opening**

The AIVIA structure has been designed to ease the opening in case of an emergency.



## **Quality**

AIVIA cabinets use smart components and specific design to protect against weather conditions and to prevent condensation.



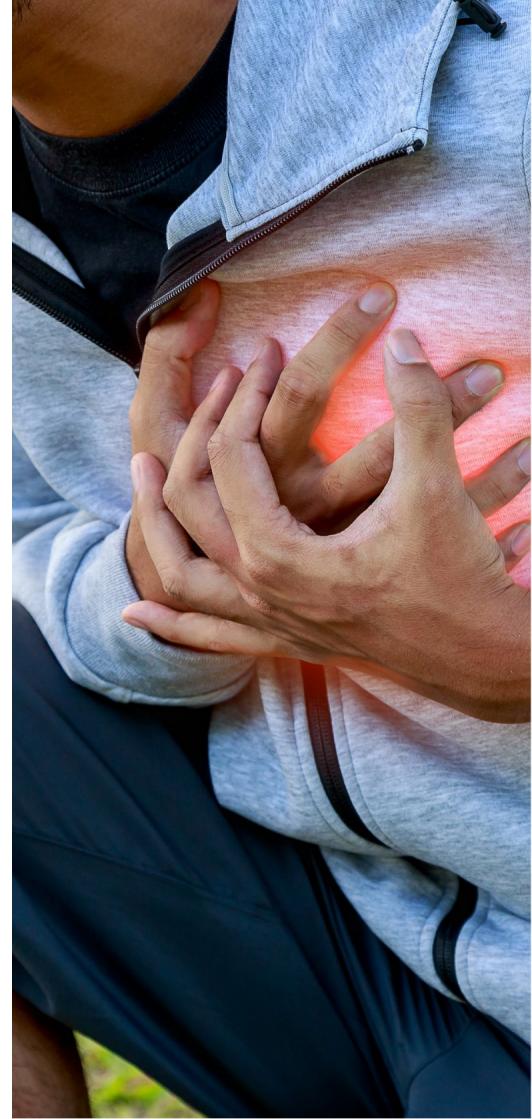
## **Temperature**

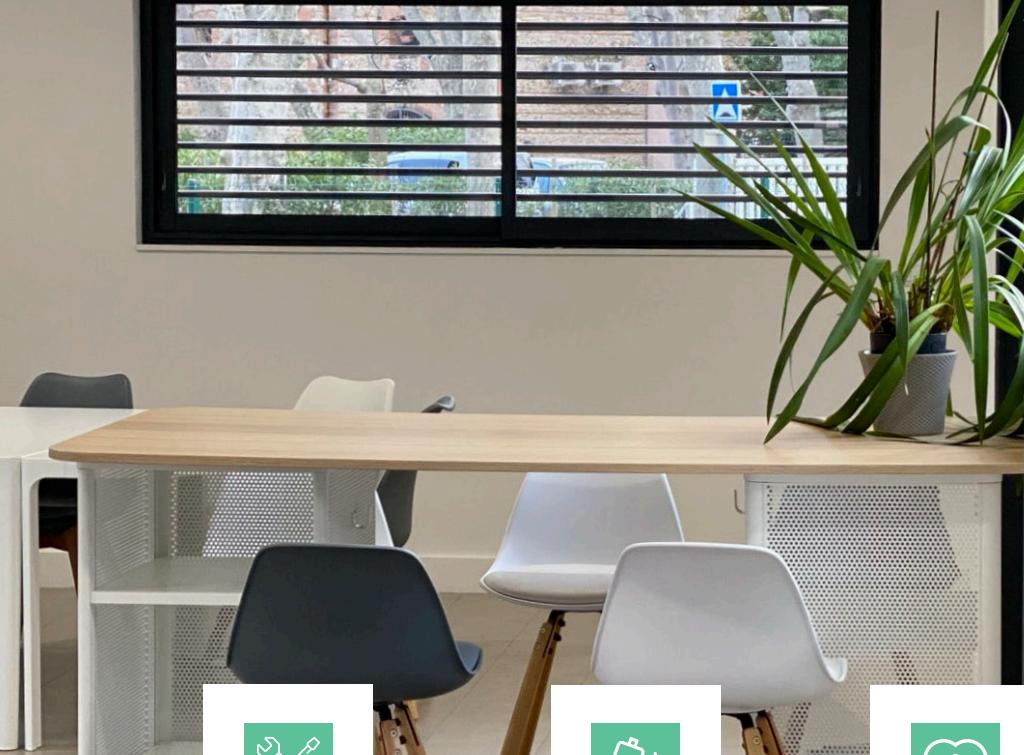
The Aivia heating system keeps the defibrillator within the recommended temperature ranges



## **Made in Europe**

Developed and manufactured in France, the AIVIA comply with all applicable regulations (EU and USA) and are subject to rigorous quality control.





## Interior

Autonomous system  
New opening system  
Maintenance opening



## Resistant

Transparent polycarbonate cover  
with anti-UV treatment  
Green ABS support



## New design

Customizable facing  
Suitable for all major  
AEDs



## Size

Width: 34 cm  
Height: 41,5 cm  
Depth: 20 cm  
Weight : 2kg

# Indoor protection

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## Security AIVIA IN

Visual and audible alarms

Battery operated (AA Batteries)

Battery life 3 years



## Connected IoT AIVIA 100W

Remote monitoring with information on the AED's status, its presence and the configured events.

SIGFOX technology

AEDs are medical devices and require installation under conditions that comply with their recommendations.

Above all, indoor AIVIA cabinets protect the AED while facilitating its accessibility in an emergency.

## Wall cabinet AIVIA S

Indoor use

Easy to install

No electronics



# Outdoor protection

The heating system of the outdoor range maintains a positive temperature in the cabinet for outdoor temperatures down to -20°C.

The outdoor range is equipped with a fan to allow ventilation, thus removing condensation and humidity in the cabinet.



## Security

Audible and visual alarm triggered when opening 70 to 105 decibels.  
Visual alarm to indicate an anomaly.



## Induction heating

Maintaining a positive temperature in the cabinet for a temperature that can drop to -20 °C outdoors.



## Resistant

Humidity index 95% non-condensing  
Materials: ABS V0, Polycarbonate  
Mains supply 24V DC SELV (Safety Extra-Low Voltage)



## Regulated ventilation

Protection against humidity and condensation.  
Automatic activation.



## Secure opening

AIVIA 210, 230, 310 et 330

Secure opening by code or by badge reading.



## Telephony

AIVIA 220, 230, 320 et 330

Hands-free phone module allowing automatical calls to emergency services or any other configured number.

GSM and 4G LTE-M communications



## Connected IoT

AIVIA 100W et 200W

Remote monitoring with information on the AED's status, its presence and the configured events.

SIGFOX technology.



# Monitoring

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## Monitoring

Continuous monitoring of the AED by optical sensor to check its status and presence.



## Notifications Alerts

Real-time SMS and email alerts when accessing the defibrillator in an emergency or when anomalies are detected.

## An innovative surveillance technology

AIVIA technology for AED monitoring is based on an optical sensor that verifies the status of the AEDs in real time. When AIVIA detects a change of state, the event is sent to the AIVIANet platform.

A pioneer in the development of this technology, we have designed a solution that can be adapted to all defibrillators.



## AED management

Access to a global vision on the AIVIANet platform in order to manage AEDs, configure alerts and notifications, manage consumables and facilitate maintenance actions.



## Photo control Option

The photo control option automatically takes and sends photos when the AED is removed.



## Connected IoT

AIVIA 100W et 200W

Remote monitoring with information on the status of the AED. SIGFOX technology.

**You own or operate AEDs, are you sure that all your defibrillators are currently operational? In an emergency, do you have a system to immediately locate your AED?**

With 4G, Sigfox, and Nb-IoT communication technologies, it is now possible to continuously monitor the status and use of the defibrillator, greatly reducing the risks associated with equipment failure and problems caused by unauthorized access.

With a full range of monitoring cabinets, know at any time and in real time if your defibrillators are ready for use.



# AIVIA GO

## #READYTOGO

Discover AIVIA GO, the AIVIA connected surveillance solution to ensure the operability of the AED 24/7, available in 4G LTE or Nb-IoT version.



### 24/7 monitoring

The AIVIA GO technology continuously monitors the AED's health indicator to verify its status and presence. It informs in real time of a use or a detected problem.



### Emergency call 4G LTE

The AIVIA GO module integrates telephony to call emergency services or any configured number (112, 911, 999, 144, GSM, etc.)



### Geotracking

GPS tracking is automatically activated when the AED is removed or moved, making it easier for emergency services to locate it.



### Remote monitoring

AIVIA GO information is fed back to the AIVIANET web platform in order to manage AEDs, configure notifications and perform maintenance actions remotely and in real time.

## Communication

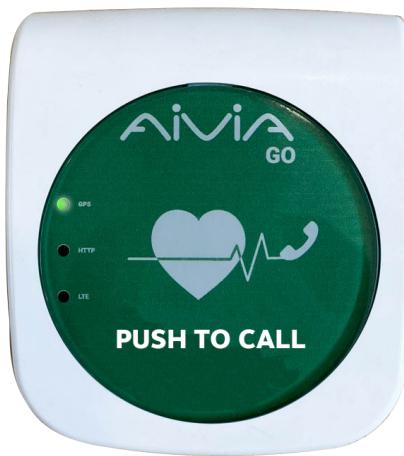
Available in version:  
4G LTE or Nb-IoT  
Sim card support

## AED monitoring

Optical sensor suitable for the  
AED status indicator  
Temperature sensor  
Presence sensor

## Configurable

Setting up alerts and notifications  
Call number configuration  
Customization of the visual (option)



## Autonomy

Battery powered  
(included)  
24 months autonomy  
Battery: LSH 14 3.6V

## Dimensions

Height: 103 mm  
Width: 94mm  
Depth: 37mm

## Web platform

Access to the Aivianet monitoring  
platform  
Interface possible with  
a third-party application or  
software

## Accessories

Mallette de transport (option)  
Sangle pour DAE (option)

# Protection and autonomous monitoring

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The Aivia SOLO docking station is fully energy self-sufficient and uses a patented technological innovation. AIVIA SOLO monitors and protects the AED while maintaining the medical device within the manufacturers recommended operable temperature range.

To meet the need for autonomy of the AED docking station in outdoor public places, the AIVIA SOLO innovates by facilitating deployment with a simple ground installation without any electrical connection.

The use of a defibrillator in the first five minutes following cardiac arrest increases the chances of survival.

The installation of standalone Aivia SOLO terminals that are visible and identifiable in the urban environment makes it easy to locate the nearest defibrillator, act very quickly and save lives





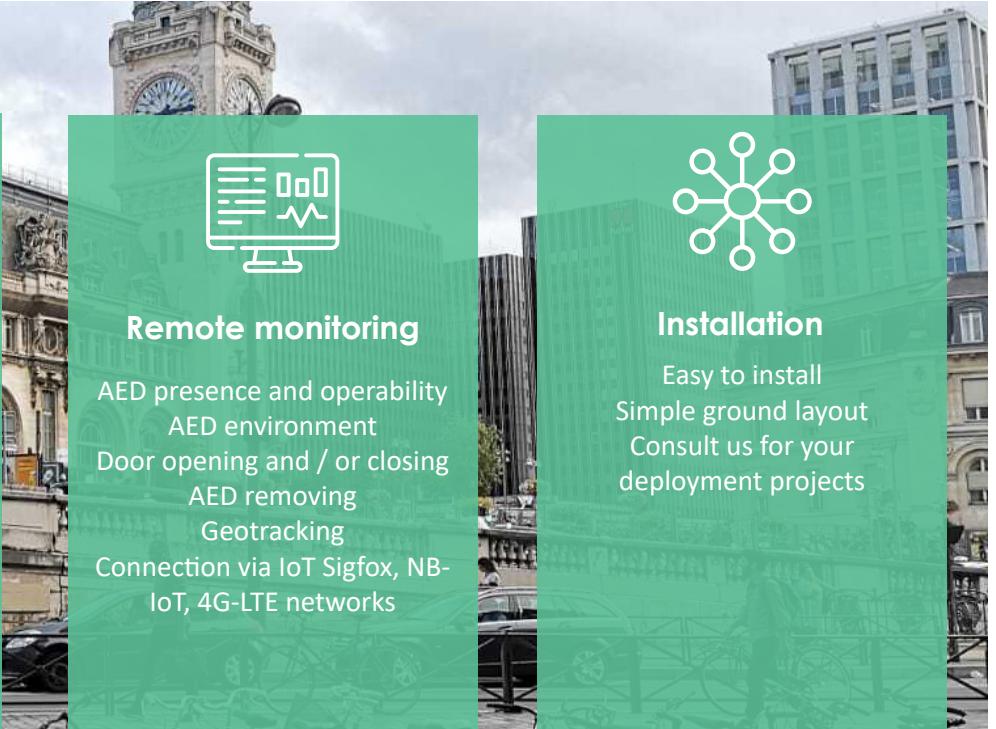
## Energy autonomy

No connection  
to the electricity grid  
Recyclable materials  
Energy stored



## Remote monitoring

AED presence and operability  
AED environment  
Door opening and / or closing  
AED removing  
Geotracking  
Connection via IoT Sigfox, NB-IoT, 4G-LTE networks



## Installation

Easy to install  
Simple ground layout  
Consult us for your  
deployment projects



# Monitor all of your AEDs

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The AIVIAnet platform allows management of all the AEDs contained in surveillance cabinets.

The platform gives a view on the AED indicator and all the information relating to its environment (opening, removing the AED, temperatures outside the ranges, expiration of consumables, etc.).

The interface displays several panels: 
 

- Informations:** Num. Série AIVIA: AIVIA001, Référence: X2A32S-ER110, Ville: CANOHEZ, Localisation: 48.8566 2.3522
- Température:** Ventilation: Off, Chauffage: Off, Température Air / Corrigée, Extrêmes atteints depuis le Minimum / Maximum
- Monitoring:** État Sirène, État LED, Température DAE, Température Electrode



## Intuitive

Viewing alerts

Geotracking of AEDs

Optimized user experience



## Security

Securing information

Materiovigilance

Access rights management



## Configurable

Configuring alerts and recipients

Web service for interfacing with external software



## Monitoring

Operational management

Automatic alerts by email or

sms

# Bornavie et Colavie base units

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- ▶ Designed for indoor or outdoor positioning of the AIVIA, the BORNAVIE and COLAVIE base units comply with the regulations in force applied to street furniture.
- ▶ BORNAVIE are delivered with an epoxy paint in green RAL 6024.
- ▶ The supports are delivered with ERC and ILCOR standards flockings as well as the AED and DAE endorsements. Additional flockings are optional.

## AIVIA GO accessories

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- ▶ Transport case
- ▶ Strap
- ▶ Vehicle support



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