AIVIA

CABINET RANGES FOR AUTOMATED EXTERNAL DEFIBRILLATORS (AED)

AIVIA

AED ACCESS PROGRAMME

AEDs are medical equipment that can be used by the general public Each one has an indicator light that shows the operational status. They must be installed under conditions that are in conformance with the recommendations.

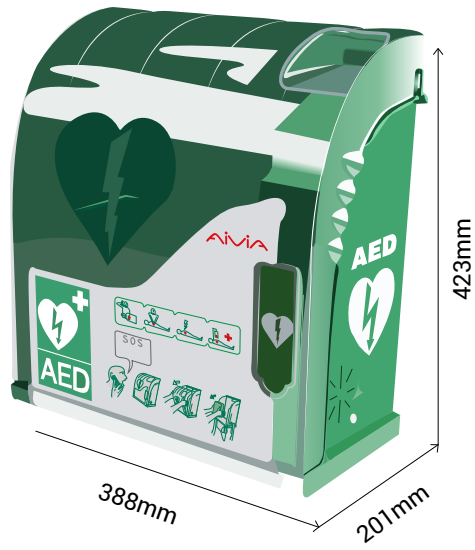
AIVIA solutions complete AEDs, make them available, and ensure their operability.

CRA (Cardio respiratory Arrest), more commonly known as "sudden death", is the primary cause of mortality in developed countries.
Making AEDs available for public access is a solution encouraged by medical authorities to increase survival rates.

AIVIA SOLUTION FOR PUBLIC ACCESS TO AEDs

AIVIA is a solution designed and created by ***PYRESCOM*** SAS SAS (a French company, ISO 9001 and 14001 certified), which meets all the EC requirements and standards.

AIVIA cabinets adapt to the various installation environments and combine advanced functions related to the defibrillator so that it is available under optimum conditions of use.



AED acces programme

To be suitable for all situations in the PAD (public access defibrillator) programme, a complete range of 10 cabinet models for the protection and monitoring of AEDs provides many options and possible configurations according to the needs:

- *Open or secured AED access*
- *Built-in hands-free telephony with automatic door release to communicate with a configured emergency number (PSTN, GSM)*
- *Heating, ventilation and external temperature control*
- *Automated remote control of installations via the Internet*
- *Camera monitoring of openings and AED entries, etc.*

AIVIA PROTECTION

This complete range ensures the protection of AED contents.

AIVIA S
AED wall cabinet.

AIVIA 100
Protective indoor cabinet with alarm.

AIVIA 200
Protective outdoor cabinet.

AIVIA 210
Protective cabinet with secured opening.

AIVIA 220
Protective cabinet with built-in telephony.

AIVIA 230
Protective cabinet with built-in telephony and secured opening.

CONFORMANCES

EN 55022: 2006
EN 55024: 1998/ A1: 2001/ A2 : 2003
EN 60950-1: 2006
Electromagnetic compatibility 2004/108/CE
Low voltage directive 2006/95/CE

Power consumption
Minimum: 55 mA.
Maximum: 2 400 mA
(With active heating)

Ingress protection code: IP44
Humidity index: 95% *without condensation*

AIVIA MONITORING

AIVIA monitoring protects the AED it contains in the same way as protective models, except that this feature includes an optical sensor that automatically handles visual monitoring of the AED standby light.

CONFORMANCES

EN 301 489-3 V1.4.1: 2002
EN 302 291-2 V1.1.1: 2005
EN 50364: 2001
EN 60950-1: 2006 +A11 : 2009

Power consumption
Minimun: 200 mA.
Maximum: 2 500 mA
(With active heating)

Ingress protection code: IP44
Humidity index: 95% *% without condensation*

AIVIA 300
Monitoring cabinet.

AIVIA 310
Monitoring cabinet with secured opening.

AIVIA 320
Monitoring cabinet with built-in telephony.

AIVIA 330
Monitoring cabinet with secured opening and built-in telephony.

AIVIA IOT

AIVIA IOT uses LRWA (Long Range Wild Area) technology to transmit monitoring data. This innovative technology guarantees long-distance communications at a very low level of energy consumption.

AIVIA M enables functional monitoring (statuses and conditions) of the AED with which it is associated.
It can be placed either in the AED carry bag or in a wall cabinet.

The **AIVIA W** models protect and monitor the AED they contain and give an alert for all events (opening of the AIVIA system, removal of the AED, condition of the AED, etc.).

CONFORMANCES

EN 60950-1: 2006 + A11 + A1 + A12 + A2
EN 301 489-3: 2013 V1.6.1
EN 300 220-2 V2.4.1
Autonomy: More than 3 years (AIVIA M and 100W).
Humidity index: 95% *without condensation.*

AIVIA M

AIVIA 100W

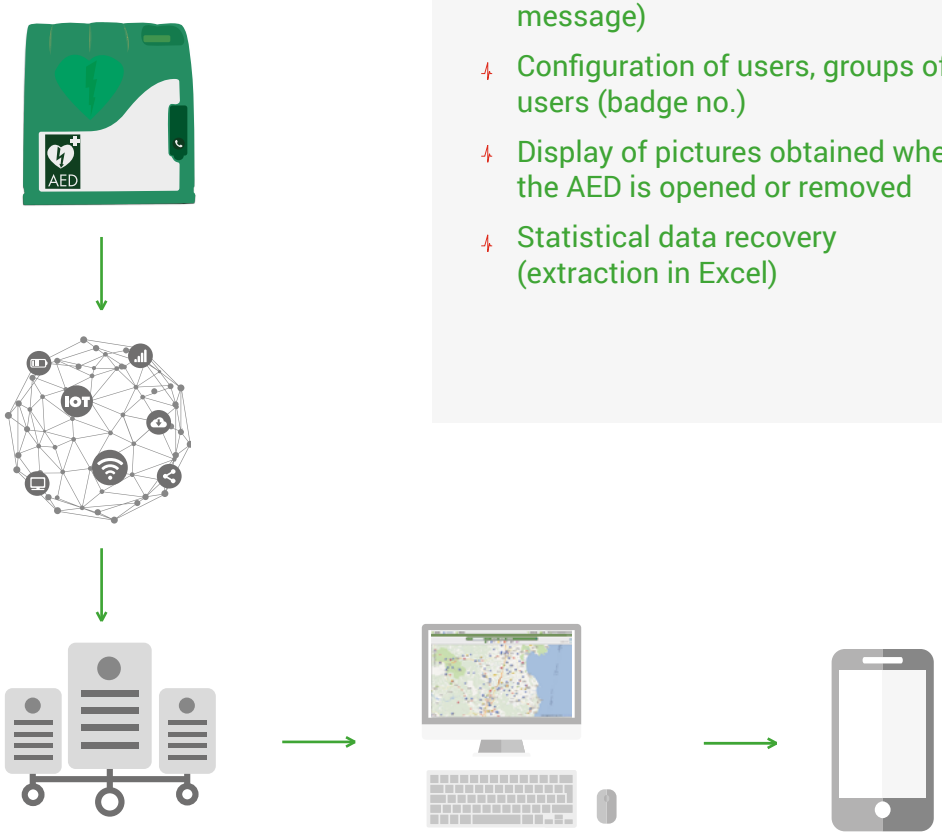
AIVIA 200W

sigfox

AIVIA NET

The AIVIAnet server is an application that enables remote monitoring of cabinet/ AED sets.

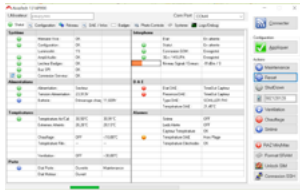
It makes it possible to provide users with information on the condition of the AED, its environment and associated incidents.

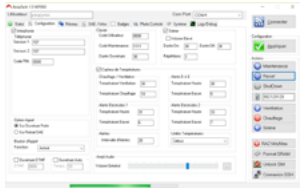


- Accessible from any terminal connected to the Internet
- User and password-protected access
- Multilingual
- Client terminal population control panel
- Colour code alert display
- AIVIA geolocalisation
- Individualised signals for actions to prepare
- Events record (traceability)
- Associated alert function configuration (e-mail, text message)
- Configuration of users, groups of users (badge no.)
- Display of pictures obtained when the AED is opened or removed
- Statistical data recovery (extraction in Excel)

AIVIA TECH

Configuration software with an online diagnostics capacity for AIVIA Protection Range (2XX) and Supervision Range (3XX):

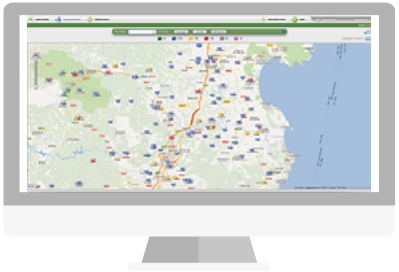




- Digicodes for restricted access for both remote and manual opening.
- Three possible telephone settings (pressing a call button, upon opening, upon removal of AED unit).
- The possibility of programming telephone numbers into the unit.
- Configured thresholds for activating the heating and fanning systems and alert functions.
- Volume and duration settings for the alarm.
- Record keeping of past events.

Specific configuration for the AIVIA supervision and monitoring range is available :

- The type of network (LAN, 3G).
- LAN configuration : IP or DHCP addressing, if necessary proxy parameters.
- 3G configuration : APN code, PIN number.
- AED, serial numbers, pads, battery, batch numbers, expiry dates.
- Location and geolocation data.
- Calibration of the optical sensor used for monitoring units.



AIVIA STAND

Designed for indoor or outdoor placement of AIVIAs, BORNAVIE and COLAVIE stands comply with current regulations applicable to street furniture.

BORNAVIE and COLAVIE stands are delivered painted in green epoxy paint, RAL 6024 (established colour for Standard ISO 3864 safety signs). A choice of other colours is available.

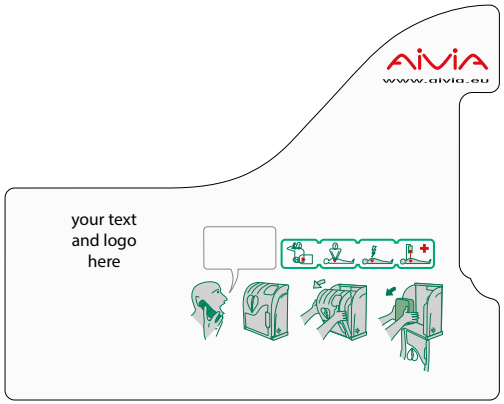
Basic stands have a surface finishing with the ERC and ILCOR standard heart as well as the mentions AED and DAE. Any other surface finishing is optional.

COLAVIE
20/10th round and square section AG3 5754H111 aluminium tube frame with an 80/10th base and 50 and 30/10th reinforcements
H: 2,425 cm - L: 820 cm - D: 260 cm
Weight: 46 kg

BORNAVIE
20/10th AG3 5754H111 aluminium with an 80/10th base
H: 1,639 cm - L: 395 cm - D: 218cm
Weight: 13kg

AIVIA
CUSTOMISATION

In addition to the options available for each AIVIA model, customisation is also possible to suit the client's needs.
The sticker on the front has the chain of survival and the symbols related to the use of the AIVIA. It enables the inclusion of logos and texts directly related to the desired visual message.



STANDARD
OPTION

AIVIA
READING THE SYMBOLS

Lighting and alarm
Sensor lighting. Local visual alarms that report anomalies.

Aivia 100 battery
Power supplied by 4 LR20 batteries provided for lighting and alarm functions.

Audible alarm
Triggered on opening (from 70 to 50 dB at 1m according to the model).

Mains power
24V
24V DC
SELV (Safety Extra-Low Voltage).

Automatic telephone door
Analog handsfree telephony.

Secured opening
The lid is opened by digicode or by swiping the RFID badge.

Regulated heating and Ventilation
Maintenance of a positive temperature of the AED efficient up to -20°C.

Emergency battery
Rechargeable to ensure vital functions (opening, telephony).

GSM telephony
GSM
The SIM card and a subscription with an operator are required at the client's expense.

RFID badge reader
RFID
Traceability of maintenance operations.

Operation
Continuous monitoring of the AED standby light. Transmission of AIVIA alerts and alarms.

3G
3G
Enables the AIVIA to communicate with the AIVIAnet server instead of an Ethernet connection.

Control picture
24/7
Infra-red objective, picture taken when the AED is opened and removed, pictures transmitted and stored on AIVIAnet.

Tempered glass
Polycarbonate door with surface treatment that provides the greenhouse effect.

Internet of Things
IOT
RLRWA (Long Range Wild Area) network.

Aivia net
Enables remote monitoring of the cabinet and the AED in real time.

Lifespan
3 ANS
36 months of autonomy.

Aivia M 3.6V battery

Distributed by:

PYRESCOM

Mas des Tilleuls
66680 Canohès . France

aivia@pyres.com
www.aivia.eu
www.pyres.com

Tel : +33 (0)4 68 68 39 68
Fax : +33 (0)4 68 68 39 69

A-WEB-DCAVD-EN20171102