



PROTECTION CABINETS  
SUPERVISION CABINETS  
FOR AUTOMATIC  
EXTERNAL  
DEFIBRILLATORS  
(AEDs)



**Aivia**  
[www.aivia.eu](http://www.aivia.eu)

AIVIA

# FEATURES OF AIVIA PROTECTION MODELS



The Aivia range has been designed and manufactured by the French company Pyrescom (ISO 9001 and 14001).

All models are CE approved.

Aivia models are robust and lightweight. They are made up of two distinct components

➤ A clear anti-UV treated polycarbonate cover.

➤ A green ABS stand, which complies with ISO 3864, International Standard concerning emergency colour codes.

Unless they are intended solely for restricted access, cabinets are open access, protected by safety seals.



## REGULATED HEATING AND FANNING SYSTEM

Enables AED unit to be stored in +0°C temperatures. Protects unit in -20°C extreme conditions. System activated through heat sensor according to configured thresholds or as preset by user.



## LIGHTING AND ALARM SYSTEM

Day/ Night lighting (sensor). Visual warnings (red flashing LEDs) to indicate malfunctions.



## TELEPHONE WITH AUTOMATIC DOOR RELEASE

Analog hands free telephone module with the possibility of configuring two telephone numbers (with or without area code). Automatically calls the second telephone number if the first does not respond. Possibility of reducing telephone functions to avoid 'hoax calls'



## GSM TELEPHONE

The costs of a SIM card and subscription to a mobile telephone network are to be borne by the client.



## RESTRICTED ACCESS OPENING

Cabinet opens via digicode or via RFID badge reader (AIVIA 210 and 230) or remotely via telephone (AIVIA 230).



## MAINS POWER SUPPLY

24 V DC  
VLSV (very low safety voltage)



## BATTERY (AIVIA 100)

Powered by 4 LR20 batteries included. For lighting and alarm systems.



## BACKUP BATTERY

Rechargeable which guarantee essential functions (Opening and telephone module)



## AUDIBLE ALARM SYSTEM

Emits when the AIVIA cabinet is opened. From 70 to 105 dB 1m, depending on the model.





# THE AIVIA PROTECTION RANGE

## Indoor models



AIVIA S



AIVIA 100



Standard features

Optional features



## Indoor/ Outdoor models

For public safety reasons, the models below are powered by 24 Volts VLSV (Very Low Safety Voltage)



AIVIA 200



AIVIA 210



AIVIA 220



AIVIA 230



## REGULATORY COMPLIANCE

EN 55022 : 2006  
 EN 55024 : 1998/A1 : 2001/A2 : 2003  
 EN 60 950-1 : 2 006 + A11 : 2 009  
 Electromagnetic compatibility 2004/108/CE  
 Low Voltage Directive 2006/95/CE

Power requirement  
 Minimale : 55 mA.  
 Maximale : 2 400 mA  
 (with heating)

Protection index : IP54  
 Humidity index : 95% without condensation

# FEATURES OF AIVIA SUPERVISION MODELS

The AIVIA monitoring and supervision and AIVIA Protection ranges possess identical mechanical properties. They are linked to the AIVIANet central database server via wired Ethernet, the Wifi or the 3G network. AIVIA monitoring and supervision models relay information to the AIVIANet server regarding any events which may have occurred (if the AED cabinet is opened, in the case of temperature sensor malfunction, if the AED status indicator displays an error...)



## SUPERVISION AND MONITORING

An optical sensor enables constant realtime monitoring of each protective cabinet and the AED they contain. Data concerning any alarms and alerts is immediately relayed to the AIVIANet server.



See features of AIVIA Protection models



## RFID BADGE READER

For maintenance purposes and in the case of restricted access to the AED.



## THERMAL MIRROR

The polycarbonate cover has received a particular finish in order to reduce the greenhouse effect.



## WIRELESS DATA COMMUNICATION

Enables AIVIA protective cabinets to communicate with the AIVIANet server rather than the Ethernet connection. The costs of a SIM card and subscription to a telephone provider are to be borne by the customer.



## WiFi

Wireless communication.



## VoiP

Voice over Internet Protocol- will require compatible switchboard software.



## PHOTO CONTROL CAMERA

An infra-red lens which takes photographs when the cabinet is opened and the AED removed. Photos are sent to and stocked in the AIVIANet server.





# THE AIVIA SUPERVISION RANGE

## Functionalities

AIVIA Supervision models ensure efficient realtime AED monitoring. Users (town halls, institutions, companies...) are therefore not obliged to organise the daily or weekly preventative maintenance visits otherwise recommended by the medical supervisory authorities.

AIVIA Supervision models ensure total around the clock monitoring of AIVIA protective cabinets and the AEDs they contain. These models can be programmed to send automatic SMS or Email alerts to authorised personnel.

## Indoor and Outdoor Models

For public safety reasons, the models below are powered by 24 Volts VLSV (very low safety voltage).



Standard features

Optional features



AIVIA 300



AIVIA 310



AIVIA 320



AIVIA 330



## REGULATORY COMPLIANCE

EN 301 489-3 V1.4.1 : 2 002

EN 302 291-2 V1.1.1 : 2 005

EN 50 364 : 2 001

EN 60 950-1 : 2 006 + A11 : 2 009

Power requirement

Minimale : 200 mA.

Maximale : 3 000 mA

(with heating)

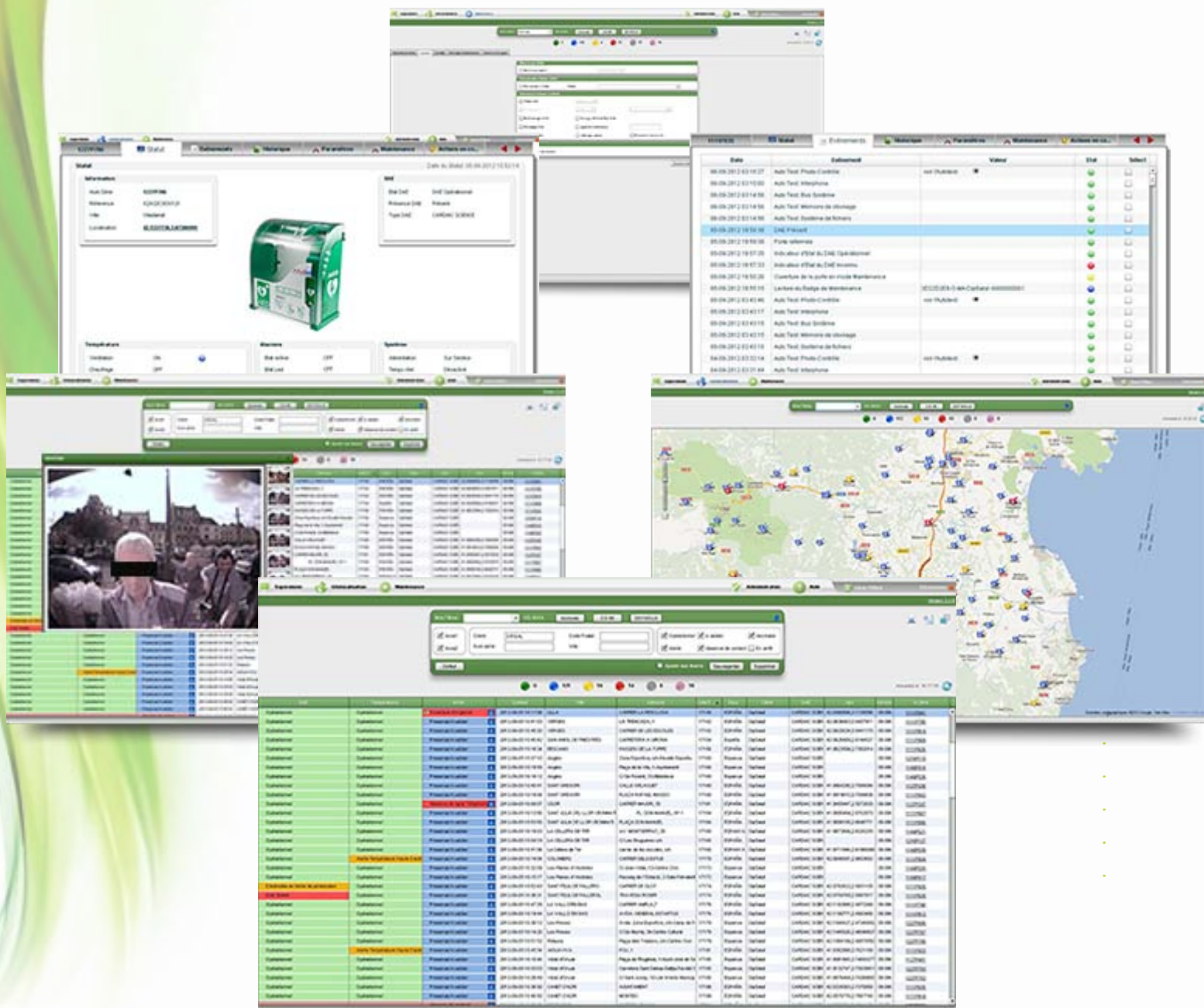
Protection index : IP54

Humidity index : 95% without condensation

# AIVIAnet

## A software application for AED monitoring and assistance

- ▷ Restricted access via username/password
- ▷ Multilingual
- ▷ An AED dashboard
- ▷ Can be accessed via any computer connected to the web
- ▷ Record keeping of events
- ▷ Colour coding for alerts
- ▷ Indicator lights anticipate preventative action needing to be taken
- ▷ Statistical data retrieval (Excel retrieval tool)
- ▷ Displays photographs taken when the cabinet is opened and the AED unit removed
- ▷ Configuration of AED alert features (Email, text messages)
- ▷ Configuration of users/ user groups (RFID badge numbers)
- ▷ Geolocation of AIVIA cabinets



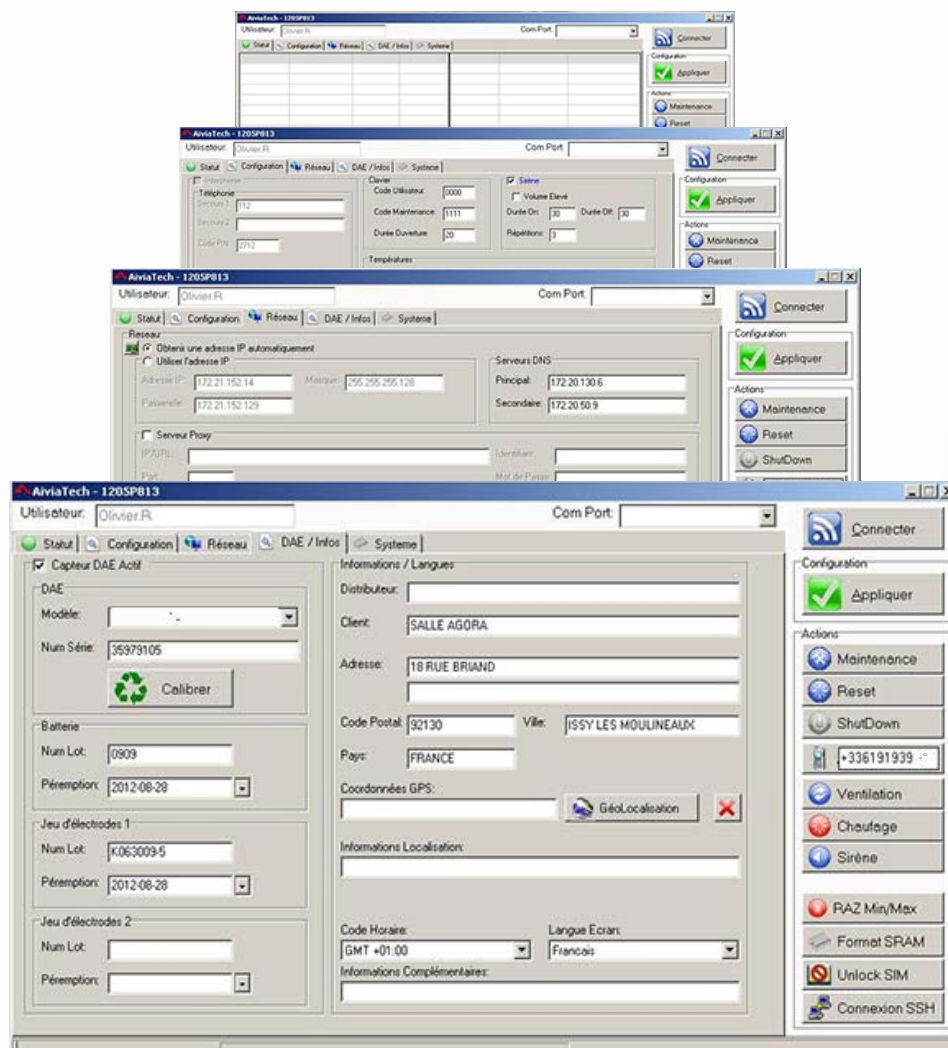


## Configuration software with an online diagnostics capacity for AIVIA Protection Range (2XX) and Supervision Range (3XX)

- ▷ Dgicodes 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



# CUSTOMISE YOUR AIVIA CABINET

In addition to the optional features available for each AIVIA model, we offer our clients the possibility of customising their AIVIA units.

The figure below shows the chain of survival in the case of sudden cardiac arrest and instructions on how to use the AIVIA cabinet.

If they so desire, our clients are able to add a logo and additional text for greater visual impact.



## TWO STANDS ARE AVAILABLE

Designed for both indoor and outdoor use, our BORNAVIE and COLAVIE stands fully comply with current legislation regarding street furniture.

These are supplied with green epoxy paint RAL 6024 (the standard colour fully compliant with emergency colour coding ISO 3863). Other colours can be supplied on request.

In accordance with ERC and ILCOR guidelines, all stands have been sprayed with the heart symbol and the wording 'AED' and 'DAE'. Other spray coating is available on request.

**COLAVIE** Aluminium AG3 5754H111 2mm aluminium tube frame with round and square sections. Comes with 8mm base and reinforcement 3mm

**BORNAVIE** Aluminium AG3 5754H111 2mm with 8mm base.



## DIMENSIONS

### COLAVIE

Height : 2 425 cm  
Length : 820 cm  
Depth : 260 cm  
Weight : 46 kg

### BORNAVIE

Height : 1 639 cm  
Length : 395 cm  
Depth : 218 cm  
Weight : 13 kg