AIVIA® 330

www.hd1py.com

A-MIS 330 Installation and user guide

Important

Read this manual before installation and use of the AIVIA. Read this section carefully and follow the instructions.
The warranty does not cover damage caused by failure to follow these instructions.

Installation must be carried out by a qualified operator or authorized by the AIVIA's manufacturer.

Never install an AIVIA in direct exposure to sunlight.

The unheated AIVIA must be installed in a temperate environment, in accordance with the manufacturer's specifications for the defibrillator. The heated AIVIA must be installed in an environment that respects the operating temperatures of the AIVIA. You must monitor and follow up alerts related to temperature.

The characteristics of the AIVIA are subject to changes without notice.

The manufacturer of the AIVIA reserves the right to change products at any time, including unlimited modifications to previously delivered products.

AIVIA® is a registered trade-mark of PYRESCOM, used under license.

Patent Pending.

Safety

• To avoid risk of fire or electric shock, the AIVIA should not be exposed to any naked flame.

• Leave a space of at least 5 inches around the AIVIA to assure proper ventilation.

• Keep the AIVIA away from radiators or any other heat sources.

• Do not place the AIVIA near any devices that generate heat. Do not place anything under the AIVIA.

• To avoid damage, do not insert objects into any of the openings in the AIVIA.

• Never install the AIVIA in direct exposure to sunlight.

• Do not expose the AIVIA to any moisture when the door is open.

• The mounting screws must be adapted to the type of surface which the AIVIA is attached to.

• The manufacturer cannot be held liable for improper installation or in the case of an accident or injury during its installation.

Warranty

• **Limited Warranty, warranty is void:**

- For defects that are the result of materials and products supplied by Reseller or end user;

- For defects that are the result of assembly or installation made by Reseller or end user ; Do not insert any objects into any openings; Do not disassemble the various elements that make up the AIVIA; Only qualified personnel may carry out repairs on the AIVIA;

- For defects resulting wholly or partially from normal wear and tear of consumables (accumulator, batteries, et cetera), from damages or accidents attributable to Reseller or end user;

- In case of any modifications or abnormal uses that do not conform with the product's purpose or usual functions; and if the product is used in such a way that goes against the advice or recommendations provided by Supplier; Any operation or assembly procedures expressly prohibited or not recommended by this manual are forbidden;

- In case of negligence, insufficient supervision or maintenance on the part of the Reseller or end user;

- In case of force majeure.

Environmental information

• When returning the AIVIA, you should only use the original packaging.

• Dispose of the AIVIA properly in accordance with all state, province and country regulations.

• Recycle or dispose of the batteries and lithium batteries in accordance with all federal, state and local laws. To avoid fire and explosion hazard, do not burn or incinerate the batteries. The proper disposal of used batteries preserves the environment and your health.

Maintenance

CAUTION

THE AIVIA CONTAINS BATTERIES.
THERE IS A RISK OF EXPLOSION IF THE BATTERIES SUPPLIED FOR USE WITH THE AIVIA ARE REPLACED BY INCORRECT BATTERIES.

ONLY AN AUTHORIZED OPERATOR CAN CARRY OUT MAINTENANCE OPERATIONS, INCLUDING REPLACING THE BATTERIES.

Summary

AIVIA 330

Installation

Contents

This section will allow you to carry out the physical installation of your Aivia, and to connect the different cables needed in order to make it work. SIM card installation in case of the optional GSM-3G Aivia is also described.

GSM Option

If you have the GSM option (written on your Aivia identification label), you will not have to connect the phone cable, but you will have to insert the SIM card into the Aivia.

3G Option

If you have the 3G option (written on your Aivia identification plate), you will not have to connect the Ethernet cable, but you will have to insert the SIM card into the Aivia.

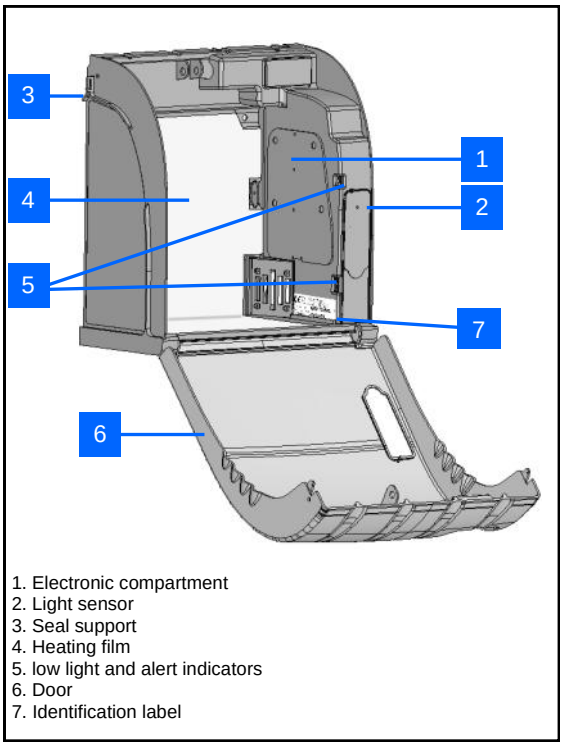
Important

Read this manual with caution before setting up and using the Aivia.

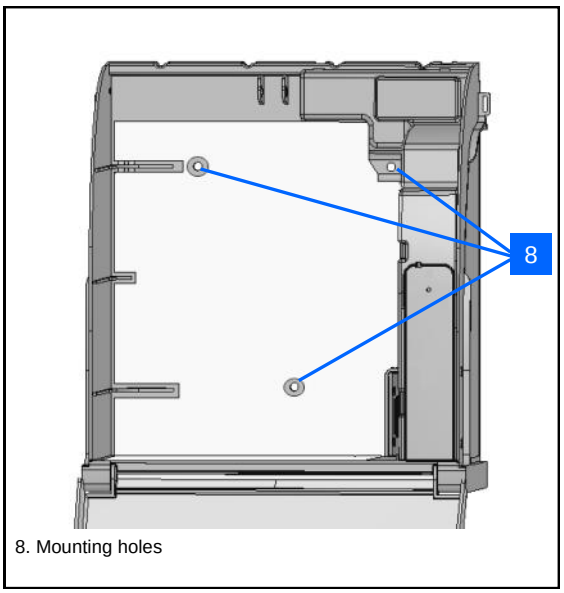
<u>Never install Aivia in direct exposure to sunlight. You risk exposing the defibrillator to excessive temperatures.</u>

Aivia contains batteries.
There is a risk of explosion if the batteries in the Aivia are replaced by incorrect type batteries. Only an authorized technician may replace the batteries.

AIVIA components



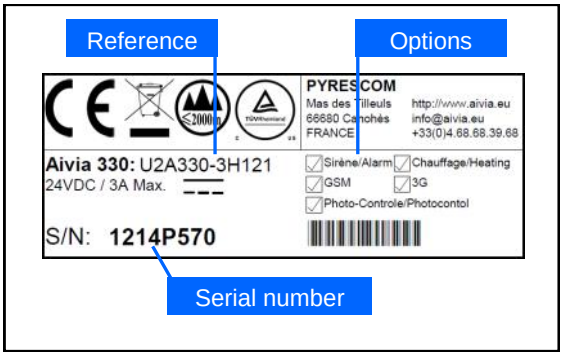
1. Electronic compartment
2. Light sensor
3. Seal support
4. Heating film
5. low light and alert indicators
6. Door
7. Identification label



8. Mounting holes

Identification label

• The identification label is situated inside the Aivia



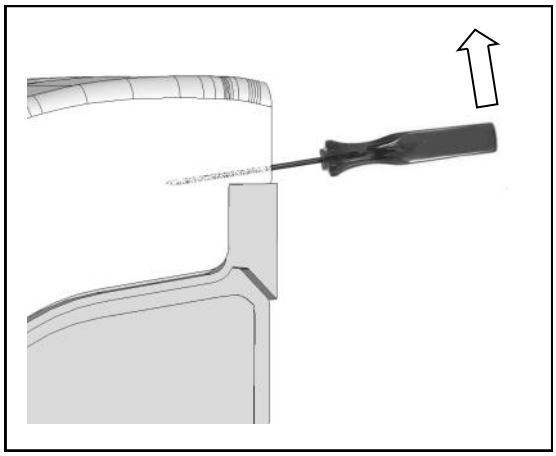
• In the event you need to contact customer services or your distributor, please make sure you have your Aivia reference and serial number available.

Initial opening

• To open the Aivia door before it is installed on the wall, use a small screwdriver.

• Slide the screwdriver between the door and the chassis of the Aivia.

• Pull the screwdriver upward, being careful not to make any marks on the Aivia.



• Repeat the above steps on the other side of the Aivia.

Installation

AIVIA Installation

Never install the AIVIA in direct exposure to sunlight. The AIVIA must be installed in a protected environment, conforming with the instructions of the defibrillator manufacturer.

• Installation must be carried out by a qualified operator who adheres to the Bornavie charter or authorized by the AIVIA manufacturer.

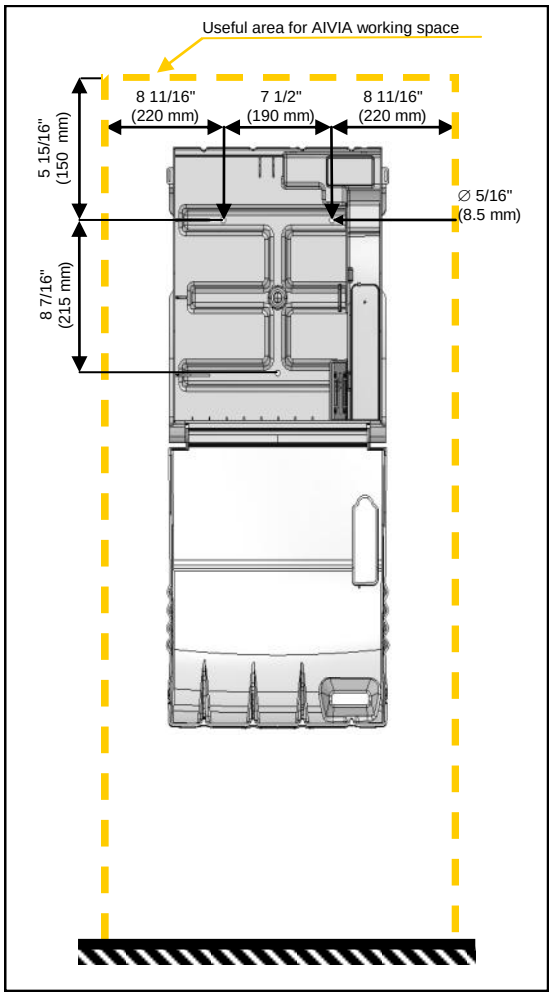
• If the AIVIA is installed in a public street or place with public access, install a ground support structure (abutment) or column. Please remember that it must comply with the regulation in force regarding accessibility standards in each country, state and / or area.

• The ADA (Americans with Disabilities Act) guidelines specify that in an un-obstructed approach, the reach to the door handle shall not exceed 48" (122 cm) from the floor. The maximum side reach is to be less than 54" (137 cm).

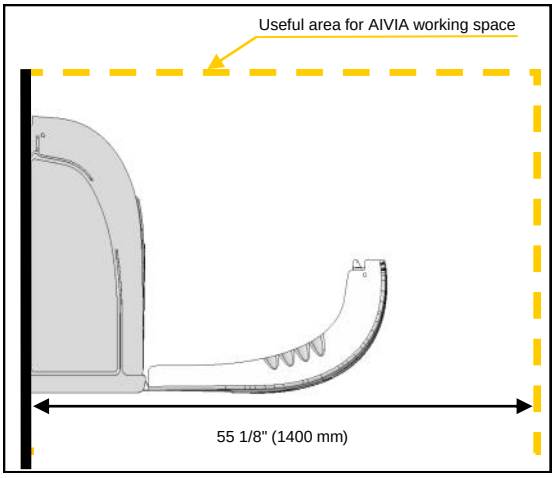
• The mounting screws must be suitable for the type of surface on which the AIVIA is mounted.

• Allow for a free working area when installing the AIVIA as specified in the diagrams below.

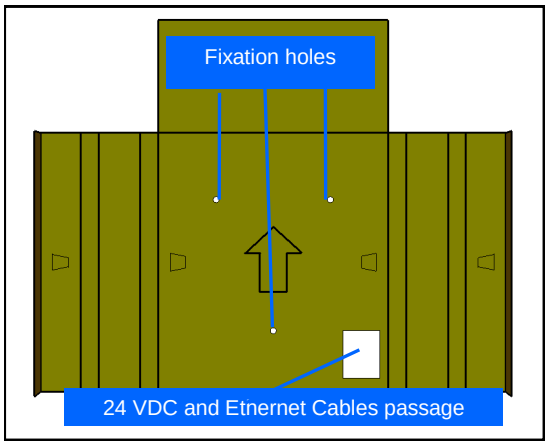
• The exact dimensions of the AIVIA are provided at the end of this document in the section "Specifications."



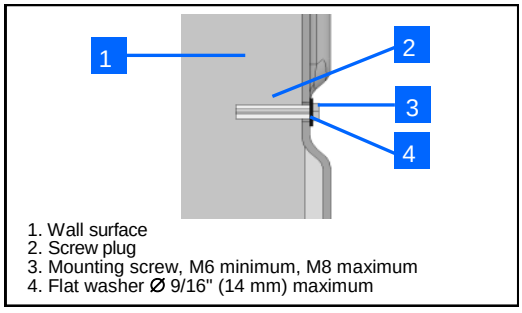
• Leave an clear space of 55 1/8" (140 cm) in front of the wall where the AIVIA is installed to allow its door to open easily.



• To mark the fixations and cable route, use the drilling template provided with the packing.
• Put the template against the wall, with the arrow facing upwards and towards you.



• Use a suitable mounting method for the type of surface on which the AIVIA is to be mounted.
• The mounting system must be able to support a minimum load of 44 lb (20 kg).



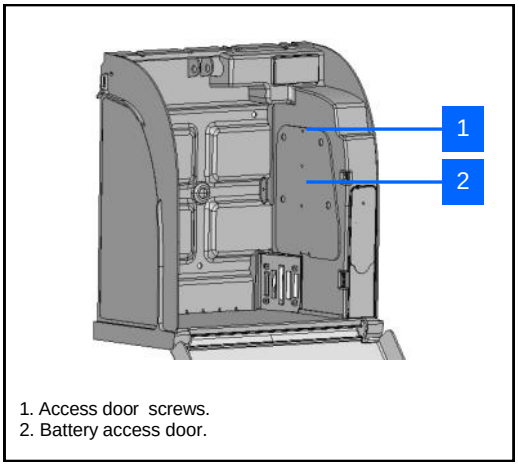
• The screw head and washer together must not exceed 5/16" (8 mm) thickness.

• Run all the necessary cables through the hole before mounting the AIVIA to the wall.

Affix the AIVIA using the 3 mounting holes

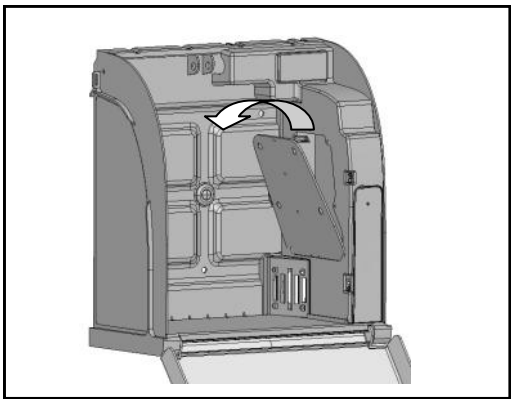
Installing the SIM card
SIM card installation must be done when the Aivia is switched off. PIN Code must be set up in the Aivia, refer to the "Setting up the Aivia" section.

• If your Aivia is equipped with the GSM option, you must insert the SIM card into its socket.

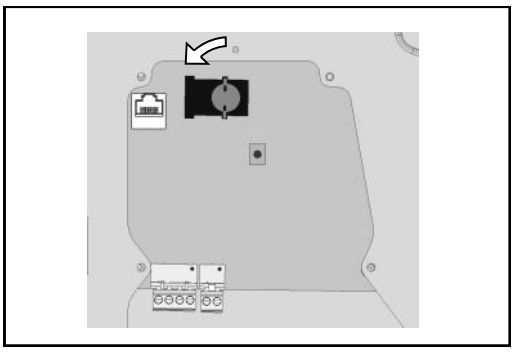


1. Access door screws.
2. Battery access door.

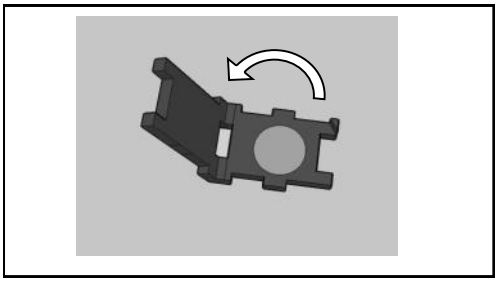
• Remove the access door screw with a Philips screwdriver and pull door away from the top.



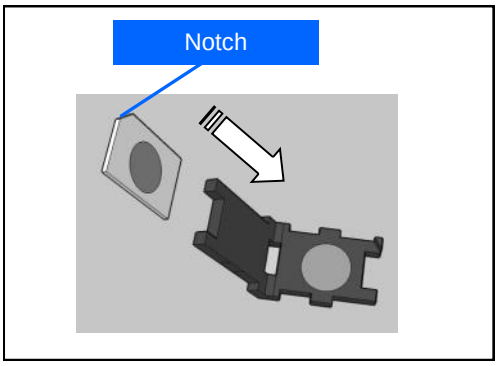
• Unlock the base of the SIM card by rotating the metal plate 45º counter clockwise.



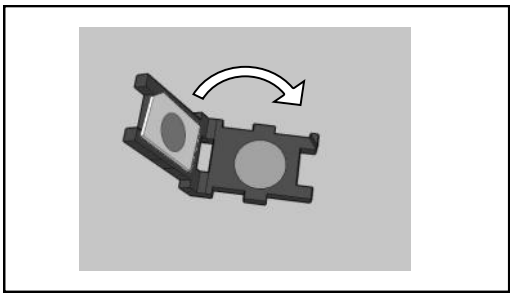
• Pull up the cover to insert the SIM card.



• Insert the SIM card, ensuring it is inserted in the proper direction with reference to the notched edge.

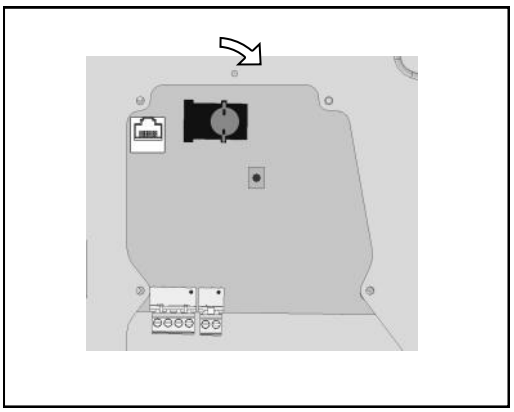


• Gently close the SIM card cover.



• If the cover does not close correctly, check the orientation of the SIM card.

• Lock the base of the SIM card by rotating the metal plate 45º clockwise.

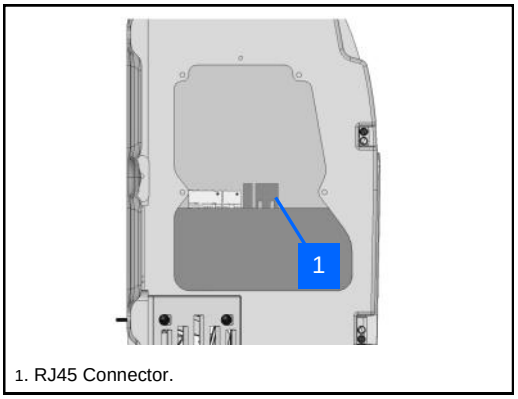


Ethernet network connection
(Except for 3G Option)

• The Aivia needs a Ethernet line in order to connect to the Internet.

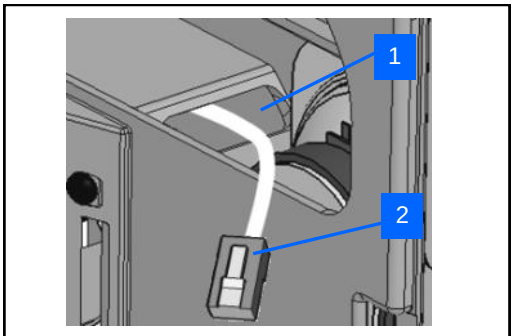
• Ethernet connection must be done in 10BaseT or 100BaseTX, using CAT5 or better cable.

• Access to the internet must be available through an internet router.



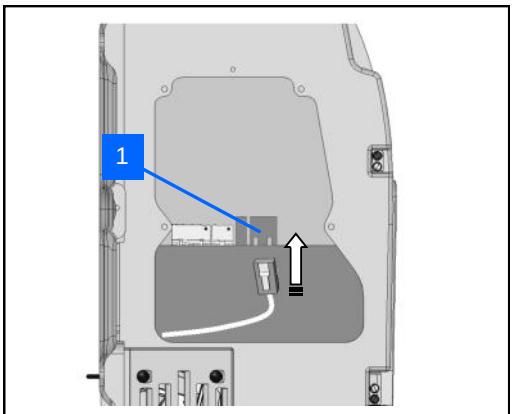
1. RJ45 Connector.

• Slide the network cable through the cable passageway.



1. Cable passageway.
2. RJ45 Plug (Network).

• Plug the cable into the connector.



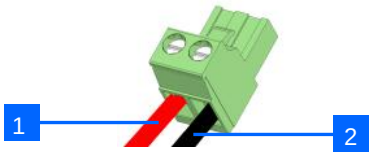
1. RJ45 Connector.

• The indicator light on the RJ45 Connector displays its status: "LINK/ACTIVITY".

Connect the power supply to the Aivia

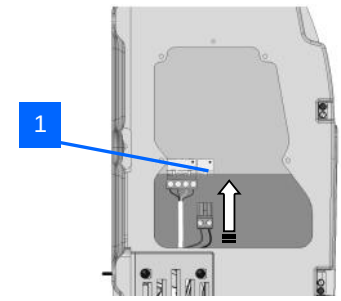
• The Aivia must be powered using 24V DC, see the "Power supply" section.
• Slide the power supply cables through the cable passageway.

• Connect the cables on the connector block, making sure to respect their polarity.



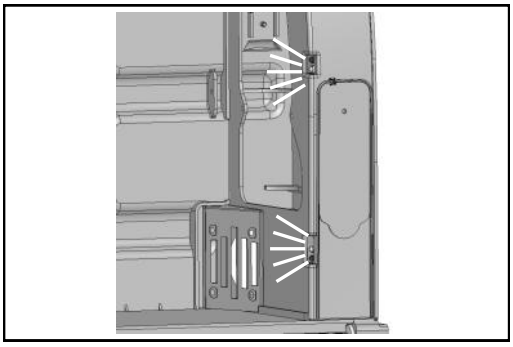
1. +24VDC Red Cable.
2. 0V Black Cable.

• Plug the connector block on the board.



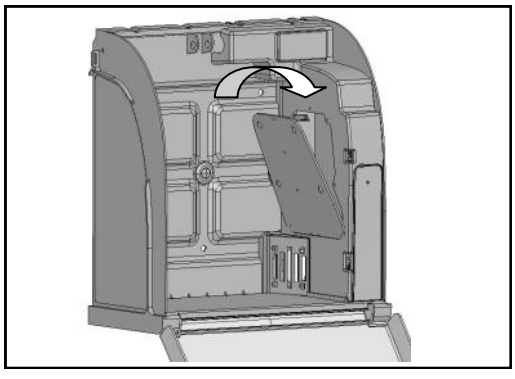
1. Power supply connector block.

• Check the power supply to the Aivia by verifying that the white indicators are illuminated.



• If your Aivia must be configured, please see the configuration section, before continuing.

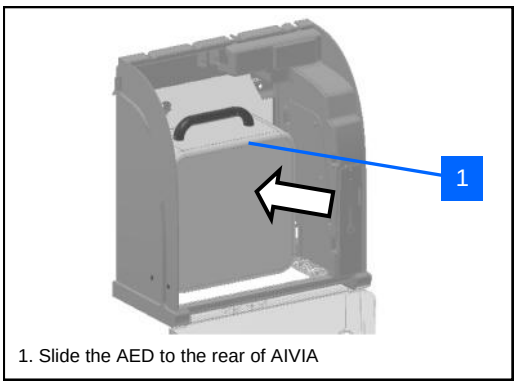
• To close the Maintenance access door, clip it back in place by inserting the lower part first. Then screw it on using a Philips screwdriver.



Installation

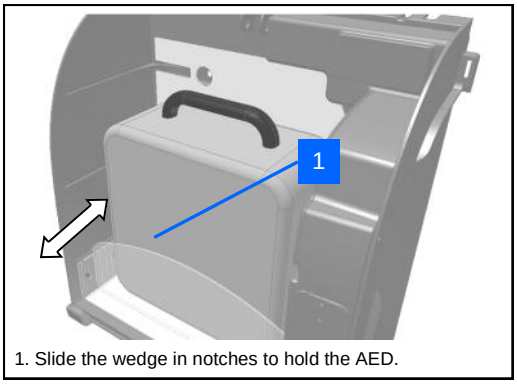
Setting up the defibrillator

• Place the defibrillator to the bottom of the AIVIA.



1. Slide the AED to the rear of AIVIA

• Efficiency of the heater is ensured by the contact of the defibrillator with the rear of the enclosure.



1. Slide the wedge in notches to hold the AED.

• Adjust the position of the wedge to hold the AED in contact with the heater.

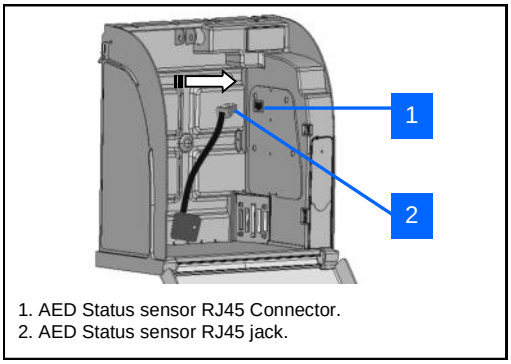
AED Status sensor installation

• The AED Status sensor requires that the AED and its status indicator be operational in order to correctly check the operational status of the indicator. Please check your AED instructions if needed.

• Affix the adhesive base on the AED using the A-MICD film.

• Please make sure you correctly defined your AED model in the Configuration section.

• If your model is set to "blank", your sensor does not need calibration. In this case, it will only check for temperature and AED presence.



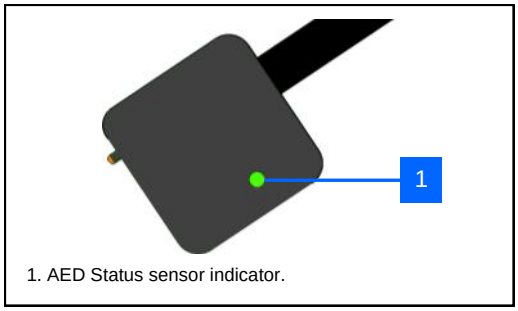
1. AED Status sensor RJ45 Connector.
2. AED Status sensor RJ45 jack.

• The AED Status sensor needs first to be connected to the base.

AED Status sensor calibration

• During the initial installation, the AED status sensor must be calibrated.

• Connect the AED Status sensor on the RJ45 plug.



1. AED Status sensor indicator.

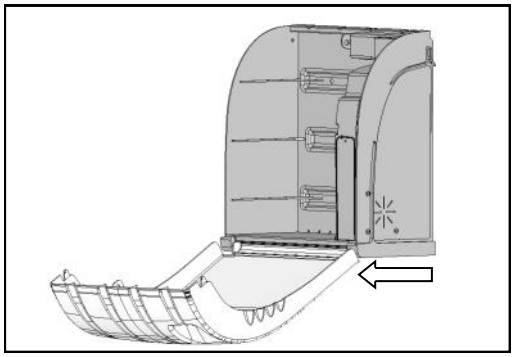
• Put the AED Status sensor on its base as soon as it blinks green/red.

• The indicator will light orange so as to signal that the sensor is being calibrated.

• Once the AED status sensor is calibrated, the indicator will light green, indicating that the AED is OK.

Closing the Aivia door

• Close the Aivia door. Be sure to first pull the door towards you before shutting the door.



• Ensure correct operation by checking the LCD screen. Diagnostic information about the LCD screen is available in the section "Diagnosis/Troubleshooting".

Configuration

Contents

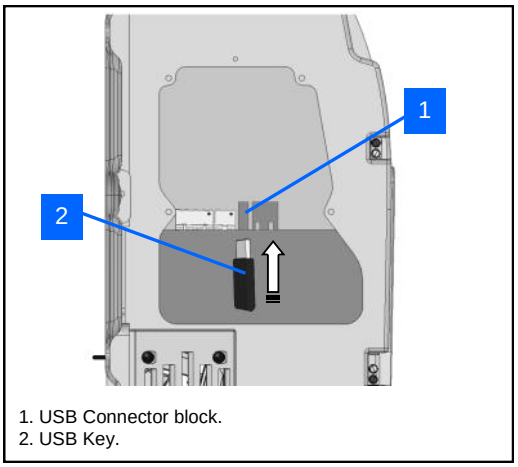
This section will allow you to configure your Aivia so that it can be connected to the Internet and correctly monitor your AED.

Closing the Aivia

If you want to close your Aivia case during configuration, report to the section "Maintenance" in order to open it in Maintenance mode for configuration.

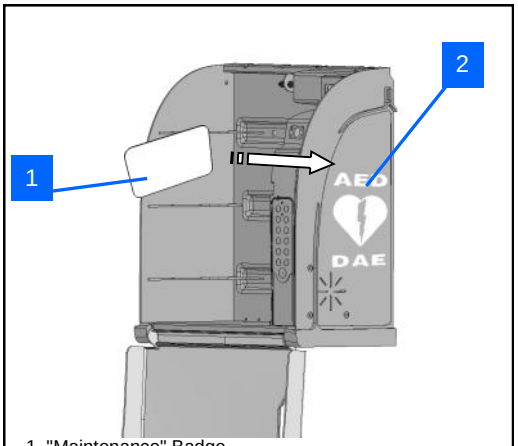
Setup the Aivia

• The Aivia must be connected to the Internet in order to be able to send any information to the AIVIAnet server in real-time..
• A blank USB Key, formatted in FAT16 or FAT32, is needed to setup the Aivia.
• A computer running Windows XP or higher is needed to launch the AiviaTech configuration software.*
• Slide through your Maintenance badge, then open the Aivia door. Remove the hatch as described in the Maintenance section.
• Connect your USB key to the Aivia's USB jack.



1. USB Connector block.
2. USB Key.

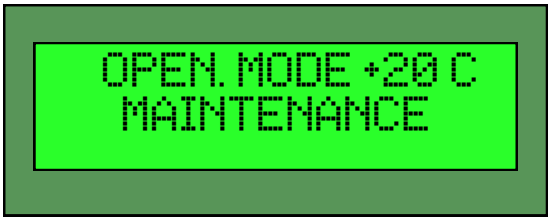
• Slide slowly your "Maintenance" badge on the "AED" logo, further to USB key's detection by Aivia.



1. "Maintenance" Badge.
2. Badge passage zone.

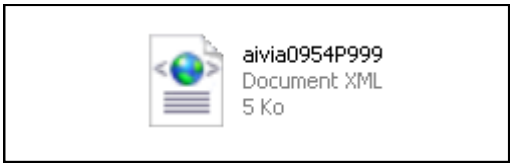
• The LCD screen will show ongoing action.

• Once the LCD screen displays the screen below :

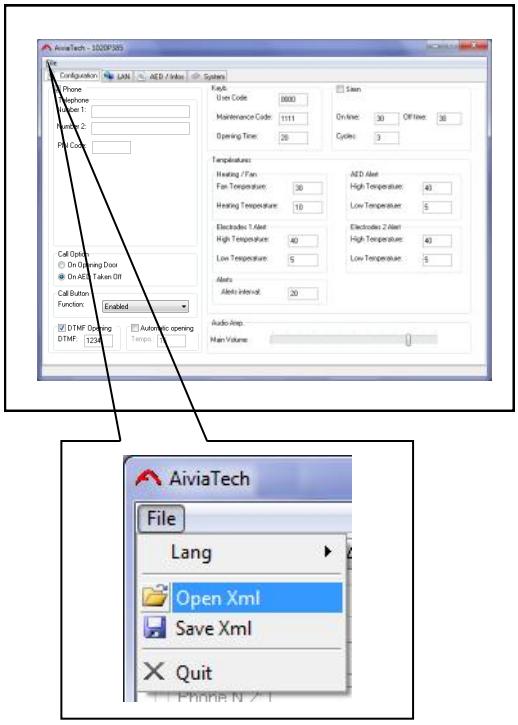


• Your can retrieve the Aivia's USB Key, and connect it to your computer.

Once the key is inserted in your computer, a file named aiviaXXXXPXXX.xml appears. XXXXPXXX being the Aivia's unique serial number.

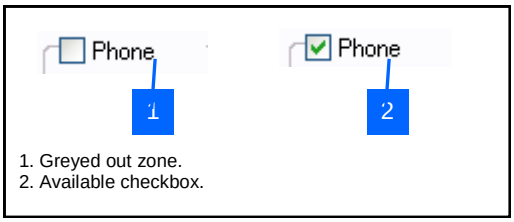


• You must now launch AiviaTech, open the XML file, and edit the fields.



• Once the file is open, you can edit the available fields based on your Aivia model.

* The AiviaTech software is available on the AIVIAnet server in the "Download" section.

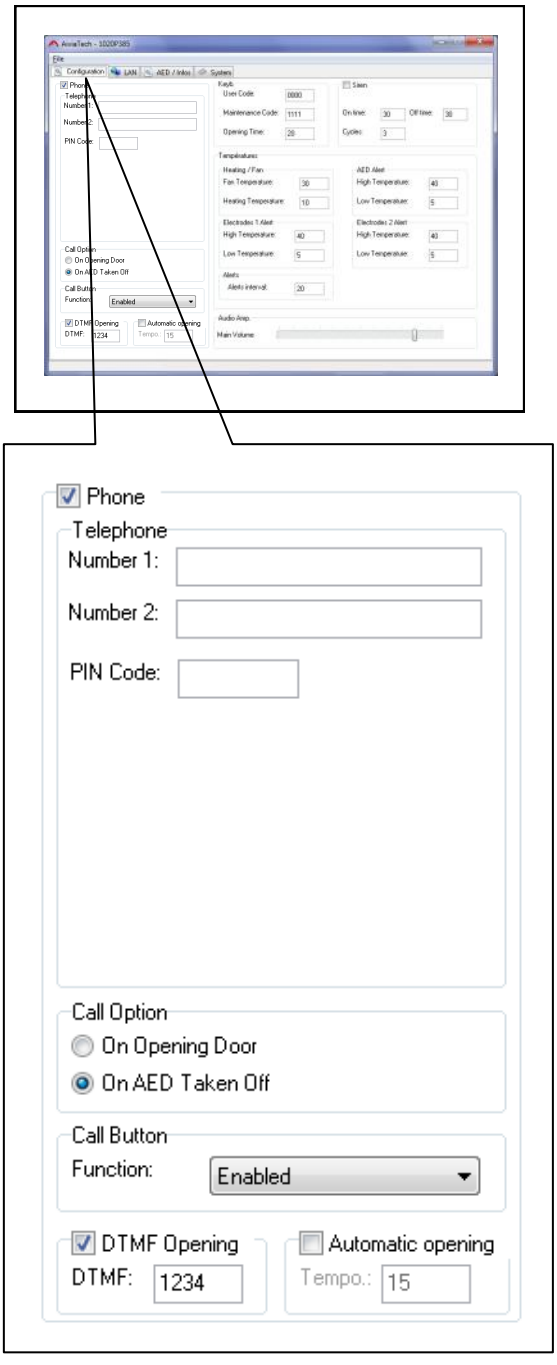


1. Greyed out zone.
2. Available checkbox.

Grayed out zones [1] indicate an option you do not have on your Aivia. Checkboxes, [2] Allow you to enable or disable functions of your Aivia.

• You can edit all the available fields. We will now explain their meanings.

Intercom:



• Disabling the Intercom will prevent the Aivia from calling Emergencies services. In this case, all the error codes linked to Intercom features will not be displayed.

• Number 1: First phone number to be called in case of emergencies or when the call button is pressed. This phone number is mandatory.

• Number 2: If the first number cannot be reached, the second phone number will be called.

• GSM–3G:
PIN Code : PIN Code from the SIM card inserted into the Aivia.

• Call Option:
  • On Opening Door: Call is emitted on door opening.
  • On AED Taken Off: Call is emitted when the AED sensor is taken off.

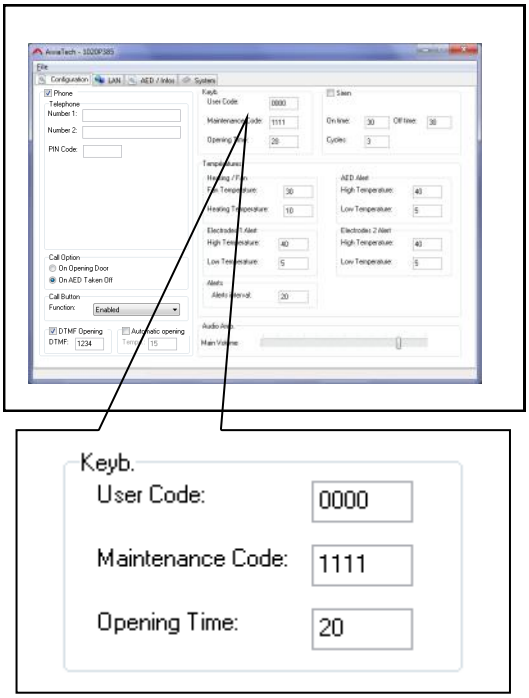
• Call Button:
The call button can work in three different ways :
  • Disabled: Disabled, door opening mandatory.
  • Enabled : One press calls emergencies.
  • Enabled / Confirmation: Second press necessary in the 10 following seconds to make the call.

• Automatic opening:
In seconds. Delay to the automatic unlocking of the Aivia during a call.

• DTMF Code:
Enables the Aivia to be unlocked from a distance using this code.

Configuration

Keyboard:

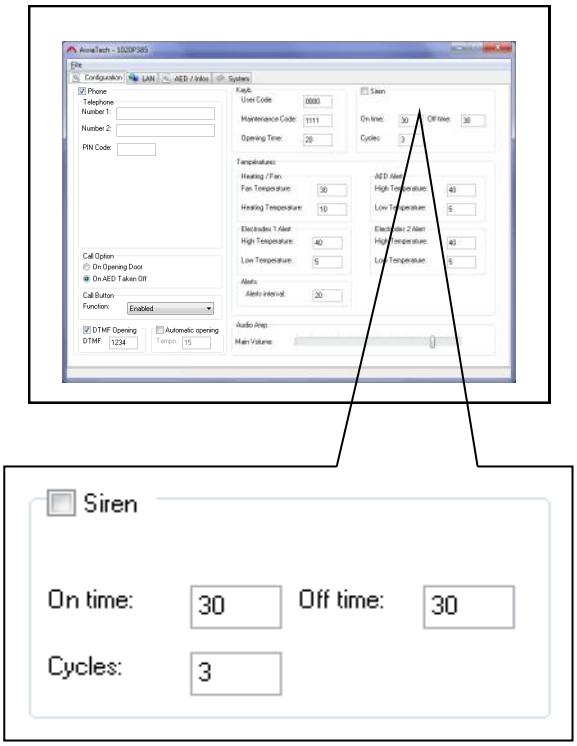


• The user code unlocks the door and calls emergency services.

• The Maintenance code allows the user to open and setup the Aivia without making a phone call.

• The opening delay (in seconds) is the delay before the Aivia re-locks itself (if unopened).

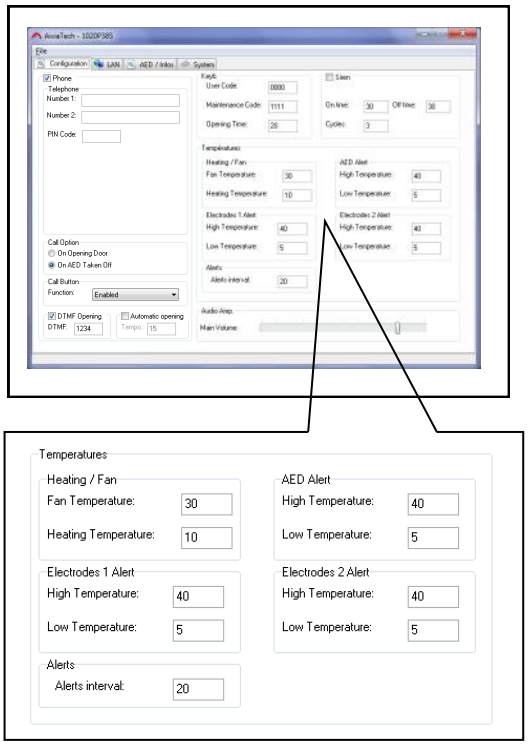
Audible Alarm:



• Siren disabling will still result in continuous led blinking on opening.
• High Volume: Maximum volume output.

• On Time: The effective ringing time.
• Off Time: The time during which there is no ringing.
• Cycles: Number of "On Time" + "Off Time" cycles.

Temperatures:



• Heating / Fan:
These settings must allow the Aivia to heat or cool the AED according to the Manufacturer's specifications. 10°C (50°F) Minimum gap between the Alert and setpoints).

• Fan Temperature: The fan switches on when the temperature reaches this point.

• Heating Temperature: Heating switches on when the temperature goes below this point.

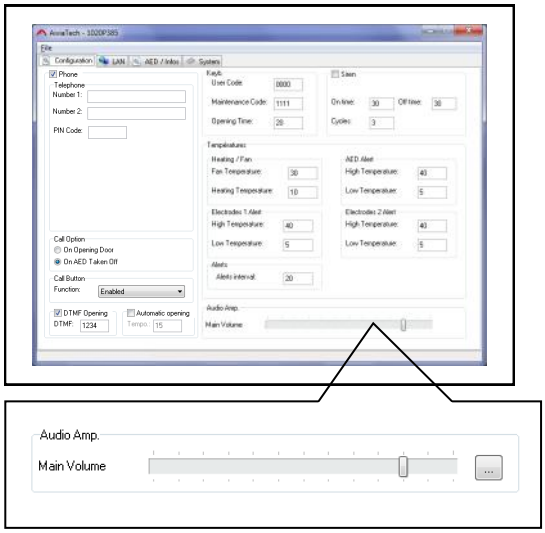
• Alerts (All): See the AED Manufacturer's manual to know the extreme working temperatures.

• High Temperature: Temperature above which the corresponding alert is signaled.

• Low Temperature: Temperature below which the corresponding alert is signaled. The temperature alert is also sent to the server.

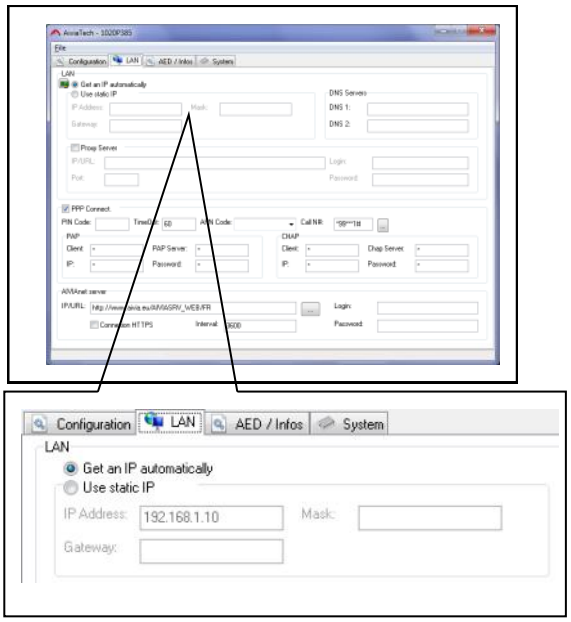
Configuration

Audio Amp:



• General Aivia volume can be set here. The button puts the default setting.

LAN:



You can get all your network parameters from your IT service or SysAdmin.

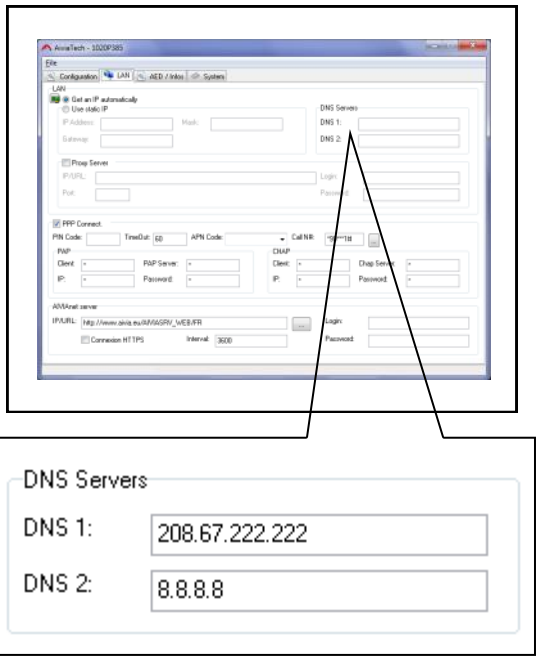
• Get an IP automatically:
When activated, this option configures the Aivia in order to automatically get an IP address using the DHCP protocol. A DHCP server must be present and configured on your network in order for this to work.

• IP Address: Unique IP address for the machine on the network.

• Mask: Netmask, common to all machines on the network.

• Gateway: Gateway IP address (router).

DNS Servers:

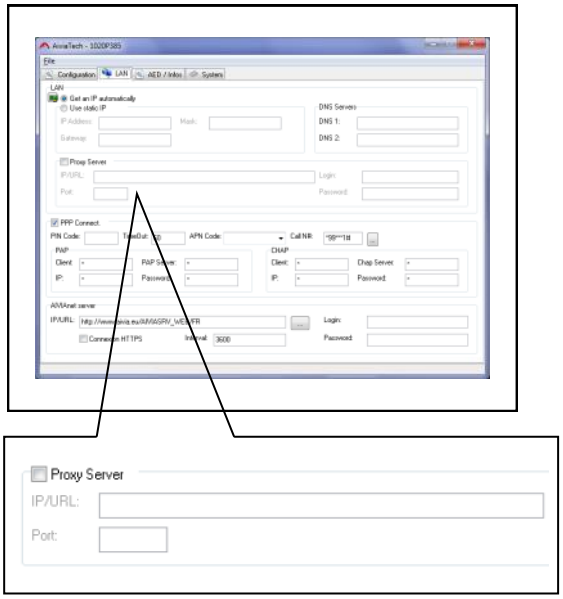


• If no IP address is entered and the default IP configuration is activated, the Aivia will attempt to reach the DNS servers using the automatic Aivia configuration. (DHCP).

• DNS 1: Primary DNS IP address.

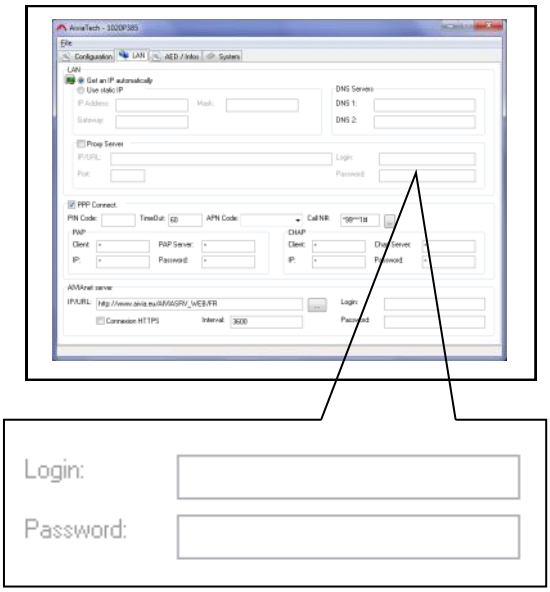
• DNS 2: Secondary DNS IP address.

Proxy Server:



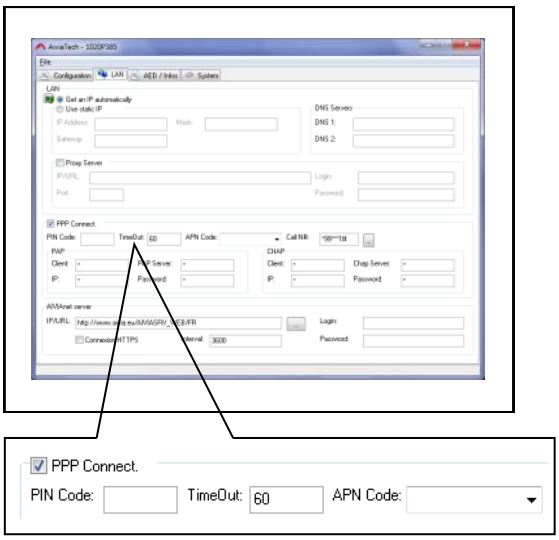
• If a proxy server is necessary to establish the connection, it must be set up here using its IP or URL, and its port.
• IP/URL: Proxy's IP address or hostname.

• Port: Proxy server listening port.



• If the proxy server has a authentication system, login and password must be entered here.

PPP Connection:



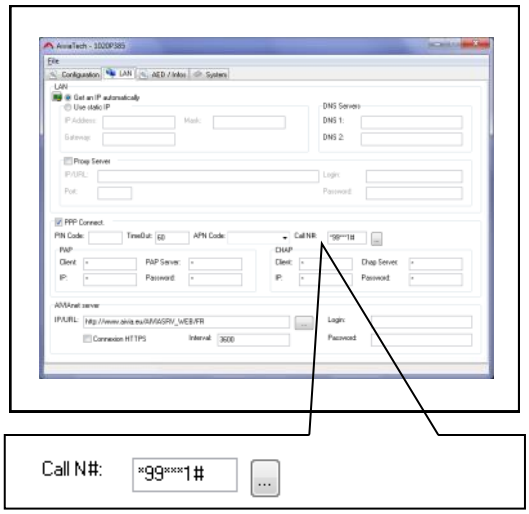
• Only available in case of a 3G Aivia. This checkbox must not be checked if the Aivia is connected to the internet using an Ethernet cable.

• PIN Code: PIN Code of the inserted SIM card.

• TimeOut: Delay before shutting down the 3G connection.

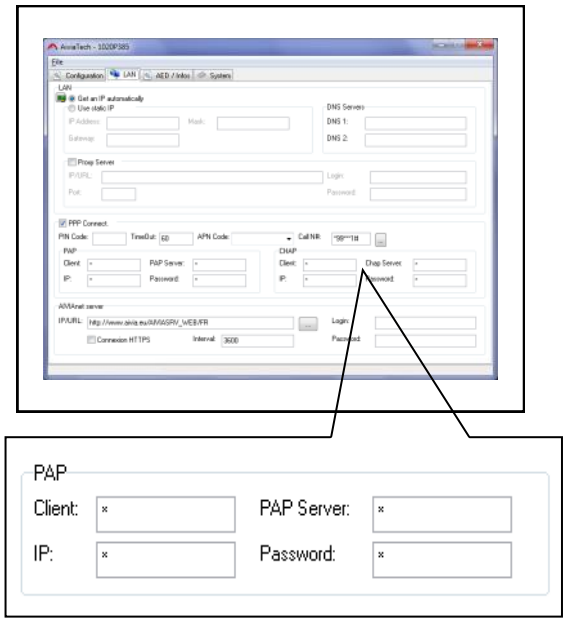
• APN Code: 3G Access Point Name. Given by the mobile network operator.

<u>In order to avoid fraudulent access attempts, the APN code must have a private addressing.</u>



• Call N#: 3G DATA mode call number. The button puts the default setting.

• Max Data: Reserved for future use.



If a PAP or CHAP authentication exists, you must define all the parameters here.

• Client: PAP/CHAP username.

• IP: IP Address of the server for which the authentication is valid.

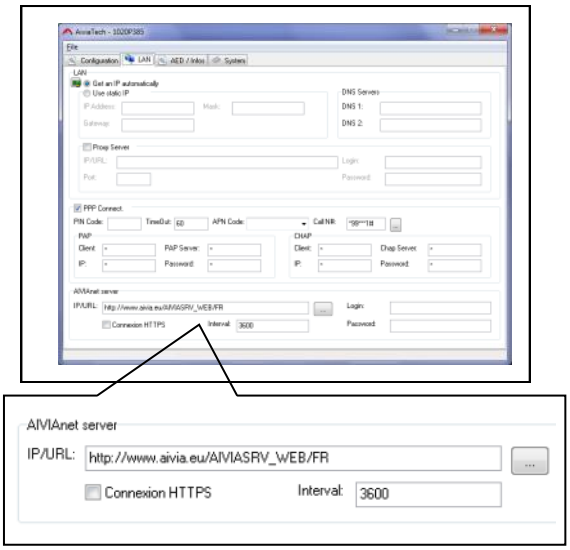
• PAP/CHAP Server: PAP/CHAP server IP address.

• Password: PAP/CHAP password.

* 3G Option only.

Configuration

AIVIAnet Server:

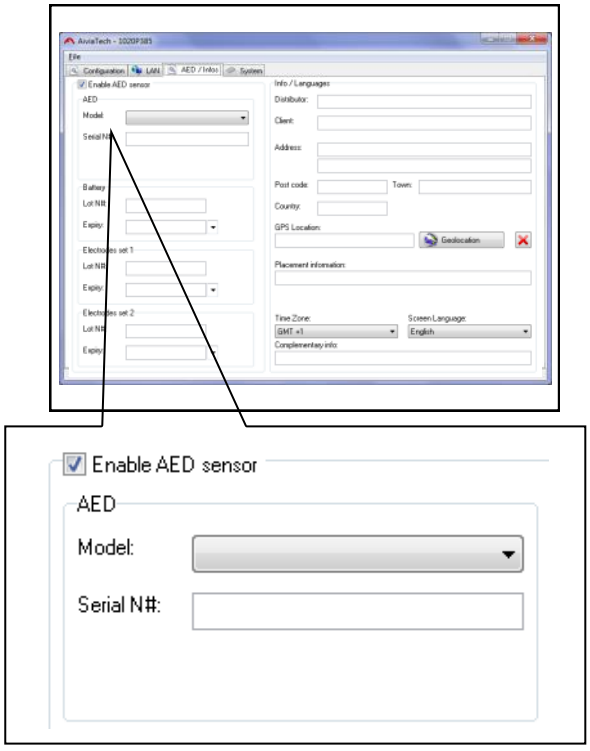


• The AIVIAnet URL is entered here. The button puts the default setting.

• HTTPS Connection: Reserved for future use.

• Interval: Defines the time interval in seconds between 2 Aivia contacts with the AIVIAnet server during its regular activity. A shorter interval will result in more data exchanges.

AED Sensor:

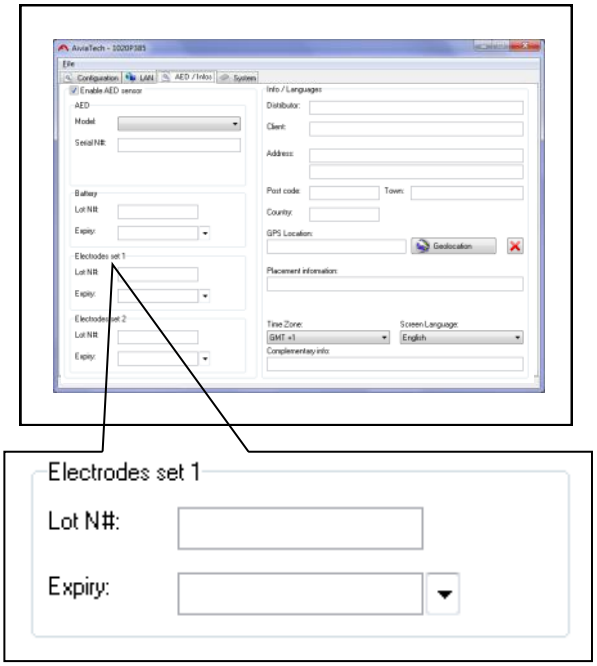


• This field must be activated, except if your AED Status sensor is deactivated. Select the AED model installed in the drop-down list. If your AED does not appear in the list, you must choose the blank line. In this case, only presence and temperature will be monitored.

• Model: The AED Model located in the Aivia.

• Serial N#: S/N of the AED Present in the Aivia.

Electrodes set 1 & 2:

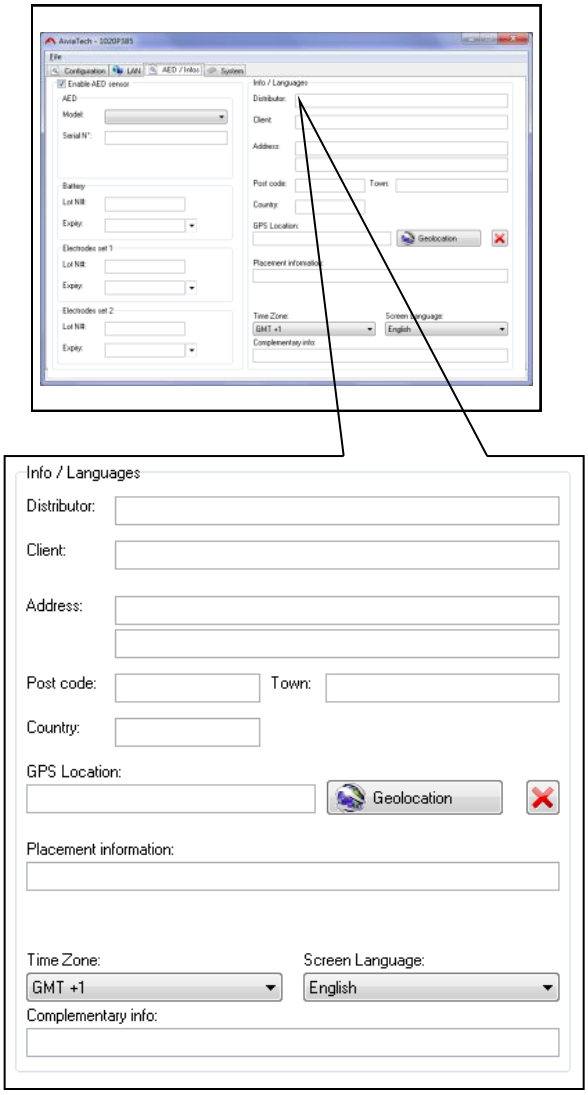


• Lot N#: Electrodes batch number.

• Expiry: Electrodes expiry date.

Configuration

Info / Languages:



• Distributor: Aivia distributor.

• Client: Name of the customer.

• Address: Aivia installation address.

• Post Code: Area code.

• Country: Country where the Aivia is installed.

• GPS Location: GPS Coordinates.

• Placement information: Information on Aivia localization.

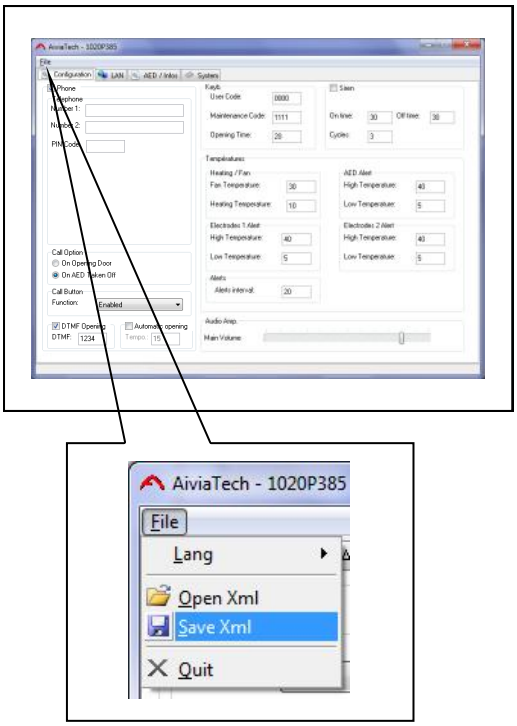
• Mail: Field active only when the Aivia is initialized.

• Time Zone: Aivia timetable.

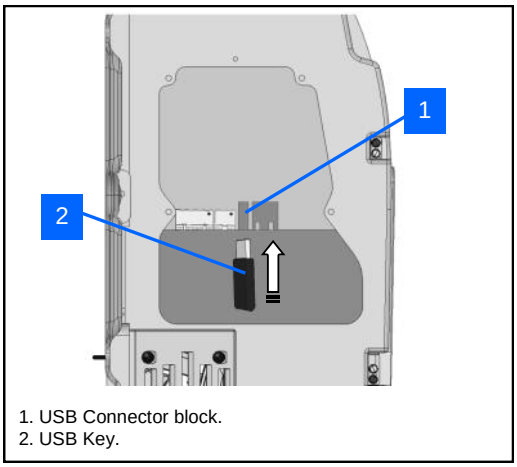
• Screen language: LCD display language.

• Complementary info: Unrestricted field, for insertion of additional information.

Once the file is edited, you must save it without changing the filename, using the menu.

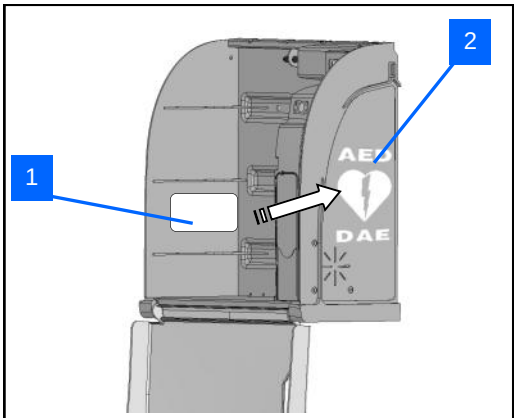


• Disconnect the USB key from the computer, then re-insert it into the Aivia.



1. USB Connector block.
2. USB Key.

• Slowly slide your "Maintenance" badge across the "AED" logo, further to enable the USB key's detection by the Aivia.



1. Maintenance badge.
2. Badge passage zone.

• The LCD Screen will then indicate the current action.

• The Aivia will then restart its network in order to take into account the new parameters.

• Check on the AIVIAnet server that the new parameters have been taken into account.

• Put the hatch back on the Aivia.

• Place the AED back in.

Aivia 330

Operation

Contents

This section will enable you to use and maintain your Aivia.

Operation

Low light mode operation

• The Aivia is equipped with a light sensor.
When ambient light becomes insufficient, white indicators blink to signal the Aivia's position.

Heating option operation

• The heating option allows the AED to maintain its operating temperature within predefined limits. In extremely cold temperatures, it is worthwhile to check that the alert temperature has not been signaled by the flashing of the red indicators.

• The fan ensures proper heating ventilation of the Aivia. In hot weather, it is worthwhile to check that the alert temperature has not been signaled by the flashing of the red indicators

AED removal Alert

• When the AED sensor is removed, flashing red lights give a visual warning.

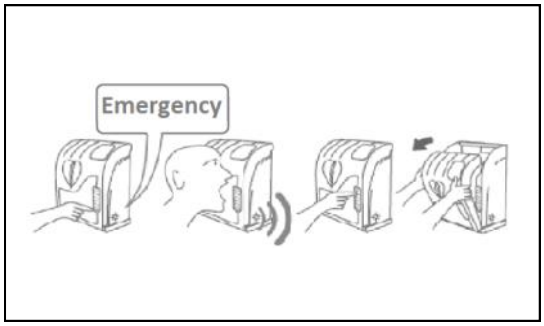
• An audible alarm will sound for about 3 minutes.

Temperature alerts:

• The temperature alert, signaled by 4 repeated flashings of the door closed red indicators is triggered when the temperature drops below the minimum defined temperature, or over the maximum defined temperature.

Pictograms

• The sequence printed on the AIVIA door indicates the procedure to follow in case of emergency.

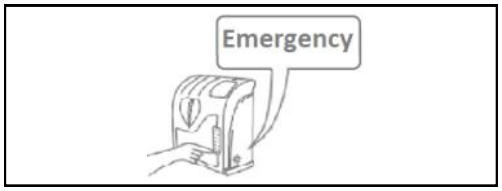


• Never cover these operating instructions.

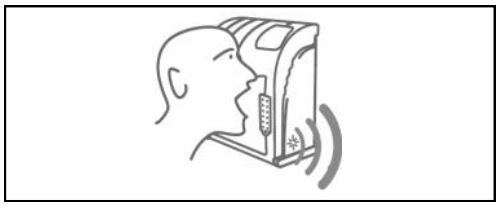
Using the Aivia

If you witness an incident requiring an AED.

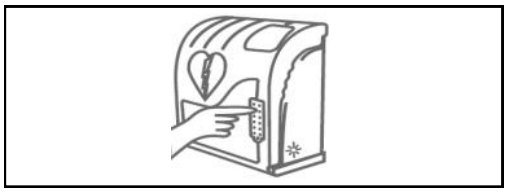
• **Contact emergency services.**
Push the call button.



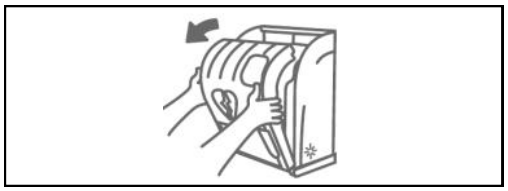
• **Speak using a clear and loud voice, describe the situation and make sure to precise the location of the incident.**



• **Type the user code to unlock the Aivia.**



• **Open the Aivia door by pulling on it.**
Visual alert is given by the blinking of the red indicators.



• **Take the AED out.**
• **Go to the victim.**
• **Switch the AED on.**
• **Follow the AED's instructions.**

After using the defibrillator

• Do not place the defibrillator back inside the AIVIA before reactivating it.

• Follow the instructions in the defibrillator's manual to reset it for use.

• The manufacturer may be able to help reactivate the defibrillator. Please feel free to contact them.

• After reactivating the defibrillator, replace it inside the AIVIA using the instructions in the section "Setting up the defibrillator".

• Replace the seal using the instructions in the section "Installing a seal".

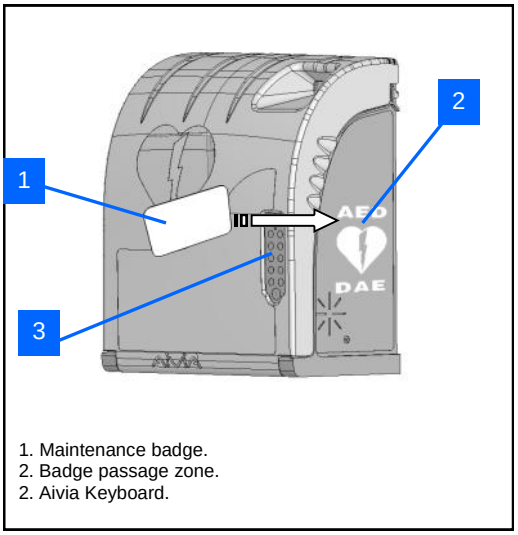
Aivia 330

Maintenance

Contents

This section will enable you to carry out the different Maintenance operations on your Aivia

Opening the Aivia in maintenance mode

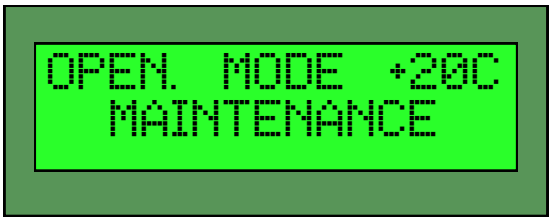


1. Maintenance badge.
2. Badge passage zone.
2. Aivia Keyboard.

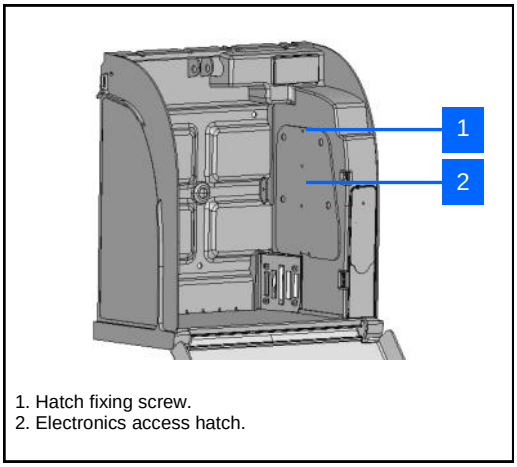
• When the Aivia is closed, slide your maintenance badge across the badge passage zone, or type your maintenance code.

• Open the Aivia by pulling the door.

• The LCD Screen will then confirm the opening in maintenance mode.

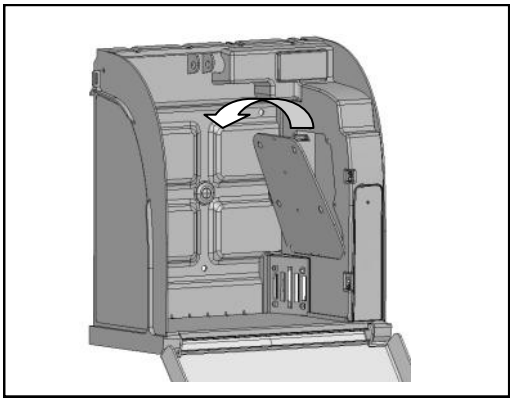


Hatch opening and closing

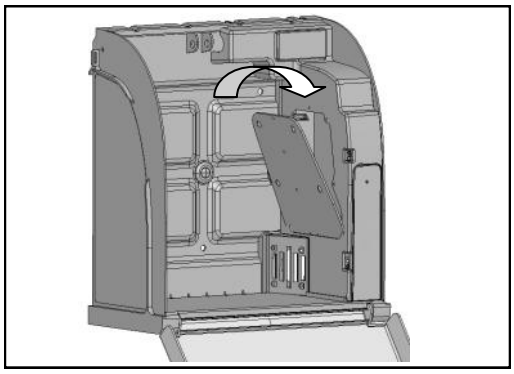


1. Hatch fixing screw.
2. Electronics access hatch.

• To open the Maintenance hatch, removed the access door fixing screw using a Philips screwdriver, and then, pull it from the top.



• In order to close the maintenance access door, put it back by inserting the lower part first.
Then, screw the access door back using a Philips screwdriver.



Maintenance

AED Status sensor maintenance mode calibration.

• In order to calibrate the AED Status sensor using the keyboard, it must be connected to the Aivia and installed on its base.

• Your Aivia must be opened in Maintenance mode.

• Please type the AED Status sensor calibration code, then validate:

• The AED Status sensor will now calibrate itself.

AED Status sensor LED indicator

• The AED Status sensor displays its status using the LED screen situated on top of the sensor. Here are the different status settings.

• Fast red/green flashing: Starting, 4 second countdown to calibration.

• Orange flashing: Sensor is to be calibrated.

• Orange light: Sensor is calibrating.

• Red flashing: AED anomaly detected, waiting for confirmation.

• Red light: AED anomaly confirmed..

• Green blinking: AED Correct status detected, waiting for confirmation.

• Green light: AED correct status confirmed.

• Red fast blinking: Firmware update in progress do not unplug the sensor.

Shutting down the Aivia

The Aivia must be able to connect to the AIVIAnet server in order to signal its shutting down.

• Your Aivia must be opened in Maintenance mode.
• Cut off the 24 DC PSU.

Type the shutdown code on the Aivia keyboard and validate it, or slide your "ARRET/Shutdown" badge across the badge passage zone :

• Wait for the LEDs to switch off.

Aivia maintenance

• Wash the Aivia surfaces using a wet cloth. Wipe the Aivia with a clean & dry cloth. Do not use washing or chemical products, they could damage it.

• Do not rub the Aivia with any hard object, you might damage it permanently or scratch it.

• Do not use a high pressure cleaner.

Notes

Aivia 330

Diagnosis / Troubleshooting

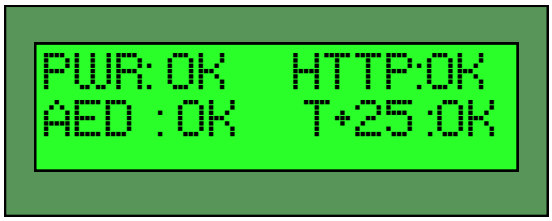
Contents

This section will enable you to diagnose and solve any problems related to the Aivia.

Diagnosis / Troubleshooting

LCD Display status

• If your Aivia's door is closed, it will display a screen as shown below:



• ALIM: Information about the Aivia power supply:
- OK Means PSU is OK.
- —Means PSU is down and the Aivia is operating on batteries.

• AED : Information about the AED and its sensor:
- OK Means the AED is present, functioning, and the sensor is operating correctly.
- HS Indicates the AED is present, and the sensor is detecting a failure.
- — Indicates the AED is not correctly linked to the sensor.
- ?? Indicates a malfunction, please contact your distributor.
- 1C Indicates the AED status sensor is to be calibrated.
- TT Indicates the AED status sensor is unplugged or non-operating, check the AED status sensor connection, contact your partner if the problem persists.

HTTP: This part of the screen indicates the status of the internet connection:
- OK indicates the last transaction was OK.
- ok indicates an invalid answer from the server.
- — indicates a connection default.
- cx indicates a connection is in progress.
- All the other states indicate a transmission is in progress.

• T+25:OK This part of the screen indicates the AED temperature, and the status of the temperature sensor:
- T+25 indicates the temperature (Celsius degrees).
- T- — indicates the temperature sensor is disabled.
- T-HS indicates the temperature sensor is out of order. Contact your distributor.
- T??? Indicates a malfunction, contact your distributor.
- OK Indicates the temperature is in the Aivia defined temperature ranges.
- HS Indicates the temperature is out of range. In this case check the Defibrillator status with your distributor.
- ?? Indicates a malfunction, in this case, contact your distributor.
- — indicates the temperature sensor is deactivated.

Diagnosis / Troubleshooting

• White indicators do not light up when the Aivia is switched on.

1. Check the wiring polarity.
2. Check the power supply cable connection.
3. Check the voltage at the connector block.
4. Check the insertion of the connector block.
5. Contact your distributor.

• White indicators do not flash in low light mode.

1. Check the Aivia power supply.
2. Contact your distributor.

• Red indicators do not flash when the AED sensor is removed.

1. Check the Aivia power supply.
2. Contact your distributor.

• Alarm does not sound when the AED sensor is removed.

1. Check for the alarm option on the Aivia identification label.
2. Check the Aivia power supply.
3. Contact your distributor.

• I do not know my maintenance/user code.

.

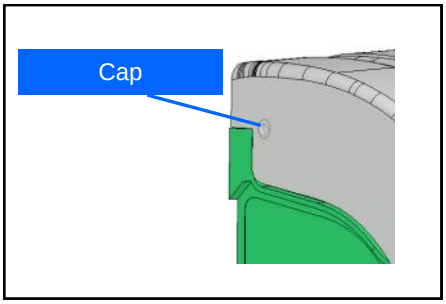
1. Shut down the Aivia power supply.
2. Place your "ARRET/Shutdown" badge on the Aivia right side.
3. Open the Aivia.
4. Switch on the Aivia, the white indicators will light up.
5. Set the User/Maintenance code, as described in the "Setting up the Aivia" section.
6. Close the Aivia.

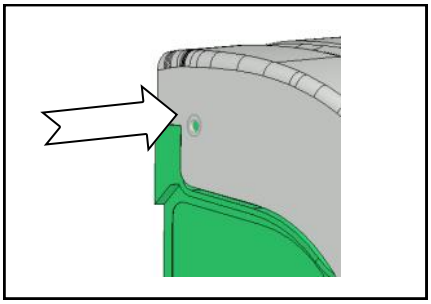
• Red indicators flash in a sequence.

Number of blinking's	Cause	Solution
1	Failing memory	Contact your distributor.
2	Parameters lost	Set-up the Aivia again
3	Temperature sensor breakdown	Contact your partner.
4	Alert temperature reached	Check the AED is working, if necessary, contact your distributor
5	AED absence	Check for AED presence and if the AED Status sensor is on its base.
6	AED Out of order	Check the AED status, if needed, contact your distributor
7	GSM-3G Phone and data problem	Check your reception level, PIN code.
Continuous	Aivia case opening	Check the AED operates correctly, and that all the accessories are present if necessary, contact your distributor.

• Aivia motorization doesn't work.

Removed the cap the Aivia door, and push back the door blocking axle with a narrow point.





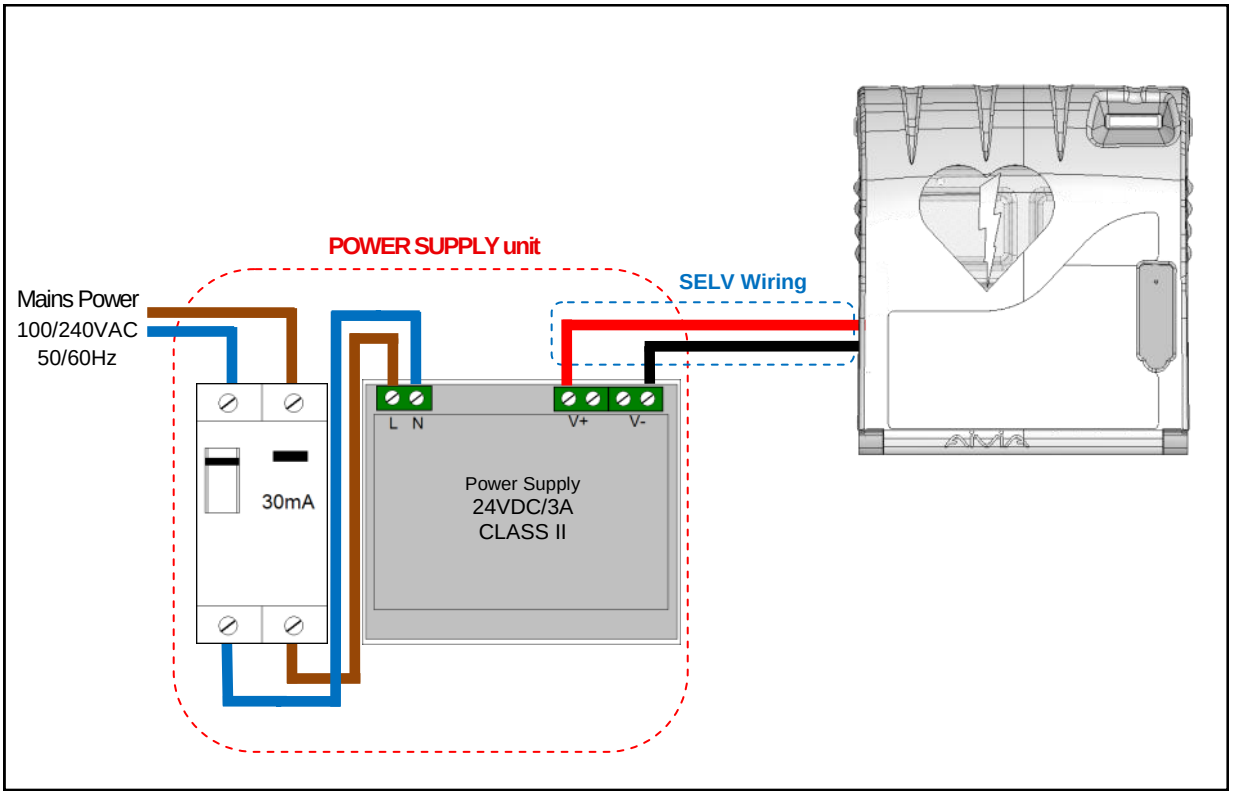
AIVIA 330

Electrical installation / Specifications

Contents

The information for the Electrical installation and Electrical Specifications can be found here.

Electrical Installation



Power Supply Unit

Must be located outside the AIVIA, never installed inside the AIVIA.

•The power supply block must include:

- A 10A/30mA residual current device, serving both to protect and disconnect the hardware.
- A SELV or equivalent 24VDC +-2% / 3A Class II, and IEC 60950-1 conform.
- The cable connecting the residual current device and the power supply must be a section of 15AWG (1,5 mm²).

• The main connection must include the primary phase, and neutral.

• The maximum full load secondary voltage drop must not exceed 2%, or 23.5V at the AIVIA terminal.

• The power block must be dust and waterproof, and ventilated**.

• Wires must be held against themselves by a collar at the nearest of the holding terminals. The power block wiring must conform to standards in force in the country of use.

* Recommended power supply: Meanwell DR100-24.
** Natural or forced convection depending on the environment and thermal characteristics at maximum load.

SELV Wiring:

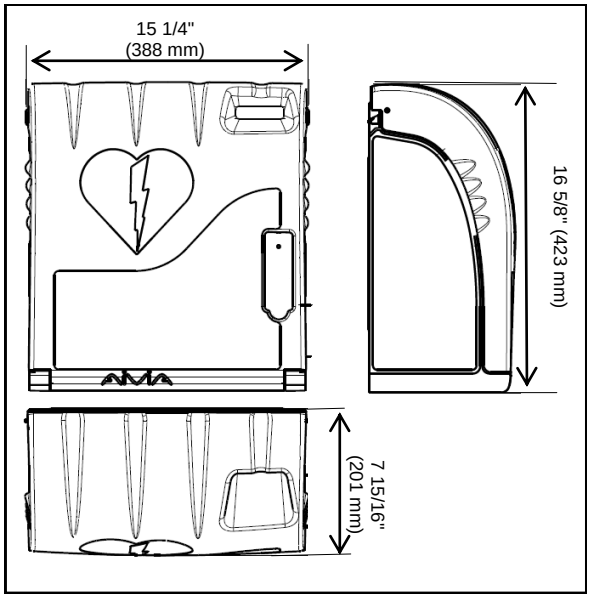
• Type U1000R2V. 2 insulated jacketed conductors, 15AWG (1.5 mm²) area, 33 feet (10 meters) maximum length.

• Use red or maroon colour cable for the +24V line.

• Use black or grey colour cable for the 0V line.

Specifications

Mechanical properties



• Weight:
- U2A330-XX111: 3.4 kg (7.49 lb).

• Materials:
- Door: Polycarbonate.
- Frame: ABS.
- Bracket: ABS.
- Access door: ABS.

Technical properties

• Power supply:
- SELV 24VDC +-2% / 3A, IEC 60950-1 conform.

• Electrical consumption:
- U2A330-XX111:
Minimum: 200 mA.
Maximum: 2500 mA.
Sound level: 90– 105 dB / 39 in (1m).

• Battery autonomy: 2 Hours 30.

• Operating temperatures and humidity levels:
Minimum: -4°F (-20°C) without wind-chill.
Maximum: 104°F (40°C).
Relative humidity: 95% without condensation.

• Temperature alerts:
Low temperature alert: 41°F (5°C) by default.
High temperature alert: 104°F (40°C) by default.

• Heating:
Heating setpoint: 50°F (10°C) by default.
Fan setpoint: 86°F (30°C) by default.

• Maximum weight capacity: 11lb (5kg).

• Maximum altitude: 6,562 ft (2,000m).

Compliance

IEC 60950-1:2005+A1:2009
EN 60950-1:2006 (Second Edition) +A11:2009 +A1:2010 +A12:2011
UL 60950-1:2007 R12.11
CAN/CSA-C22.2 No.60950-1-07+A1:2011

EN 301 489-3 : 2013
EN 301 489-24 : 2010
EN 50364 : 2010
EN 300 330-2 V1.5.1
EN 301 908 1 V5.2.1 (2011-05)
FCC 47 CFR PART 15: 2014
RSS-Gen et RSS-210

This device contains:
FCC ID: SZ4-3XX090601
IC ID: *11067A-3XX090601*

3G device contains:
FCC ID: N7NQ2698
IC ID: 2417C-Q2698

Federal Communications Commission (FCC) Compliance Statement:
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and(2) This device must accept any interference received, including interference that may cause undesired operation.

Industry Canada (IC) Compliance Statement:
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Notes

2015-07-09

contact@hd1py.com

A-MIS330-US-214