GEO SAVER®

Geo Saver®

Your real-time **AED** management

- WEB PLATFORM
- GEOLOCATION
- VIVO BUTTON
- ECG STREAMING IN REAL TIME
- REMOTE CONTROL

All in one system

www.amiitalia.com

HEART SAFE COMMUNITIES TO BUILD A NETWORK OF PROTECTION

Public access AEDs should be available everywhere, 24/7, in every city and community.
The general approach to a prompt action in case of SCA should be spread to all communities; both institutions and citizens should be sensitized to play a decisive role for the first AID, while waiting for the arrival of EMS.

Automatic external defibrillators should be **clearly visible and recognizable** in community centres, schools and public buildings/area **to arise awareness on the importance of emergency preparedness.**

Without this awareness, in case of SCA all you can do is call EMS, maybe do CPR, and then just wait.

We well know that everywhere ambulances can be often delayed by traffic or distance, but if an AED is easily reachable and visible, a Sudden Cardiac Arrest victim can get help right away, that is in the very critical first few minutes after the heart has stopped.

MANAGEMENT OF **THE AEDs NETWORK**

AMI ITALIA GEO SAVER IS THE SOLUTION to a proper, easy and yet functional management of several AEDs simultaneously. Indeed, thanks to AMI ITALIA latest innovation, you can geolocate, track and control all a whole set of devices through the AMISAVERCLOUD.

WHY

AMISAVERCLOUD PLATFORM consents the management of an unlimited number of devices which will be visible on a map.
Any user will have access by remote to the devices under its control (there are multilevel access: i.e. distributor access level or final user access level); the AED network can be constantly and totally controlled by the operator through a virtual window. These results in saving both time and costs related to the maintenance of the devices.

WHERE

Public buildings and areas, airports, rail stations, multinational companies, remote area where emergency operators cannot easily get access to. Basically all the locations where a global overview and yet a specific control of the devices is recommendable due to the presence of a conspicuous number of AEDs.

HOW

Through AMISAVERCLOUD; there's no need for a specific software to download, only a normal web browser and any kind of internet connected device (PC, tablet or smartphone).

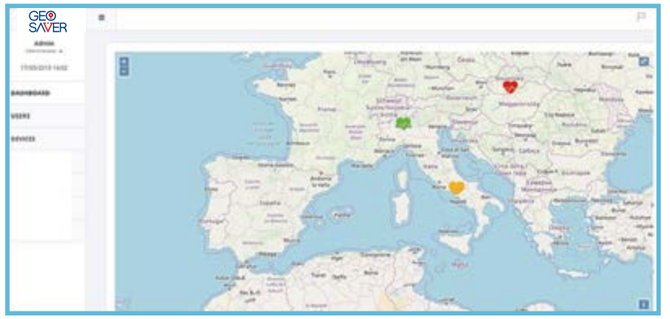
THE FIRST AED MANAGER WITHIN THE AED!

Thanks to the integrated GEOLOC MODULE and the SIM card paired to the device, GPS/GPRS systems enable the communication between the device and AMISAVERCLOUD platform.

LOGIN INTO AMISAVERCLOUD PLATFORM www.amisavercloud.com

GEOLOCATE YOUR AED:

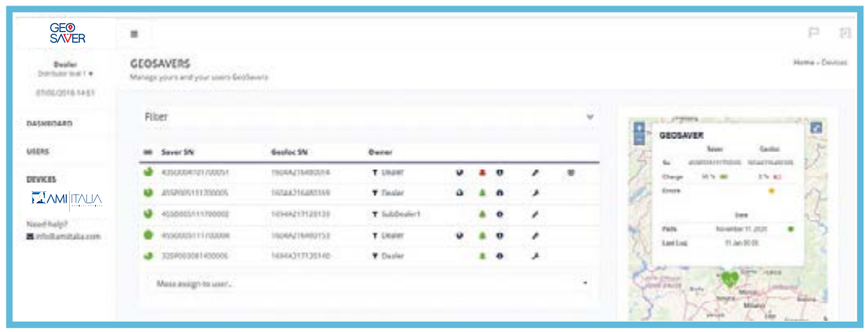
Through the view of a simple map you can verify in real time the geo position of your AEDs; the heart colour (green, red or yellow) will give a hint on the current status of the device.



GEOLOCATE YOUR AED

THE FIRST AED MANAGER WITHIN THE AED!

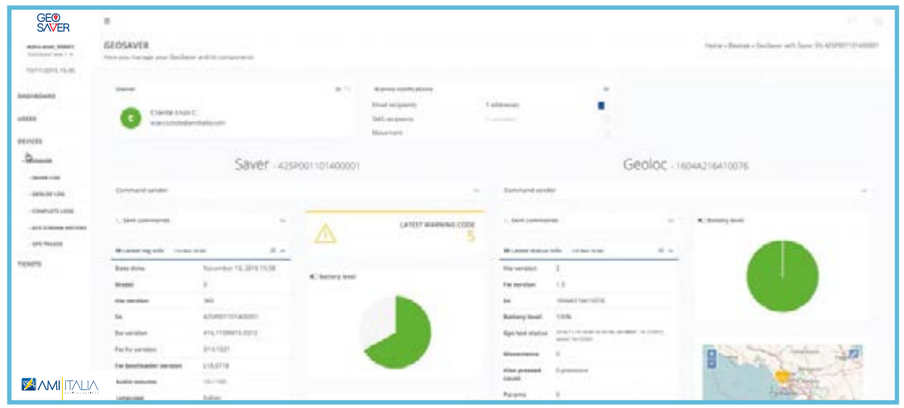
The basic information related to every single device visible on the map will be immediately displayed: serial number, battery level, errors, pads expiration, last log saved.



REAL TIME STATUS

CONTROL THE SETTING OF YOUR DEVICE:

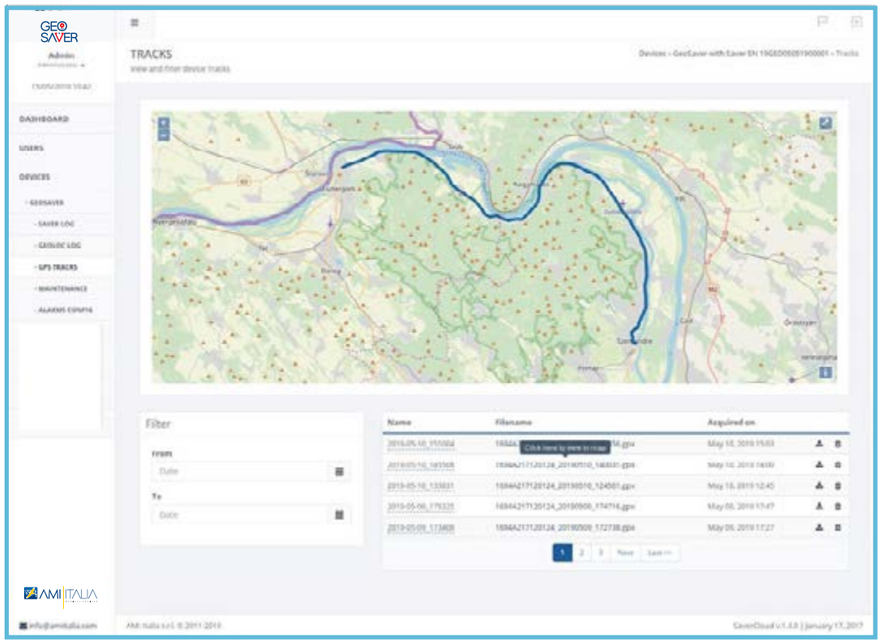
- Real-time status: ready to use or in fault, levels of both batteries, pads expiration
- Parameters configuration and firmware update
- Consultation of daily/historical data: log files recorded by AED and GEOLOC module



CONTROL THE SETTING OF YOUR DEVICE

TRACK YOUR AED:

Once having detected a movement the device will start sending its positions to the cloud and after few minutes from the last movement detected the path becomes available in the “GPS TRACK” section.
Furthermore in the alarm section you can set up the ANTITHEFT FUNCION which will send an alert by email or SMS if any movement is detected.



TRACK YOUR AED

ECG STREAMING IN REAL TIME:

The AED will send ECG to AMISAVERCLOUD platform in real time, while is being run locally on a patient (during a rescue or just for monitoring); a professional operator will be able to view and examine the ECG by remote or also to download the file and save it for further consultation and evaluation.

ECG STREAMING

VIVO BUTTON LIVE CALL:

Call the EMS directly from the AED! By pressing the dedicated button, the operator will be free to call the local EMS without further impediments like having to find and handle other devices (telephone etc.). It is possible to easily configure through the web portal different telephone numbers (according to the local applicable regulation) to automatically attempt multiple calls to receive a feedback.

GEO SAVER
FIRST GEO DEFIBRILLATOR

SEMI-AUTOMATIC
FULLY AUTOMATIC

PAD, EVERYWHERE TO SAVE LIVES

GEO SAVER AEDs are designed for a public access use and licensed to administer fast and safe rescues.
Highly-effective and user-friendly for any lay rescuer, even without minimal training.
The Fully automatic administers a defibrillating shock (when appropriate) with no shock button for the user to press whilst the Semi-Automatic administers a shock at the press of a button.
Choose the best portable AED that's right for you to save lives everywhere in any public circumstance (home, office, school, hotel, airport, train, beach, gym, pool, disco, etc.) and before EMS team arrives.

Automated testing to check daily functionality

New design

Several alternatives for **recording and transfer data** (internal memory, removable memory card, USB port, by remote)
Equipped with **two independent batteries**: one dedicated to AED module and one dedicated to Geoloc module, to ensure that remote control feature does not drain the autonomy of the primary feature of defibrillator
Biphasic technology up **to 360J**

Unique feature: ECG can be sent in real time to AMISAVERCLOUD platform to enable another operator to monitor the ECG simultaneously with the local rescuer just trough any web connected device.

Meet AHA/ERC 2017 Guidelines

Maintenance-Free: Automatically performs daily, monthly and six-month extensive self-checks of all main components: battery, internal electronics, energy charge and disarm, shock and ECG calibration systems. Daily testing data are stored by the device as text file (named AED1LOG) easily readable by any computer. AED runs further tests after each battery insertion as well as every time the device is turned on. A visual cue (green/red status indicator) provides effective alert to users whether AED is in working order and ready for a rescue.

Service Mini-Screen: The mini LCD screen shows helpful text information: it always display a battery gauge with its residual percentage charge, error codes in faulty conditions, text prompts in accordance with audible voice instructions, helpful in noisy and chaotic environments.

Synergic "INFO" Button: The "i" button provides valuable device/battery technical information and enable to change the language.

CPR Coaching: More instructive voice and text prompts guide user through rescue. A built-in metronome assists responder during the CPR, providing audio cues for the appropriate number and rate of chest compressions.

Adult / Child Capability: after connecting pads to the patient, flashing icons on the keyboard displays which pads are in use (adults/paediatric). Device senses when paediatric pads are installed and adjust to use a more appropriate lower energy level (50J).

TECHNICAL DATA SHEET

Defibrillator

Operation:	Semi-Automatic Version Fully Automatic Version
Energies:	Standard max 200J or Power max 360J
Waveform:	Adaptive BTE (biphasic truncated exponential) conforming to patient chest's impedance
Protocols:	Various adult shock protocols available on request
Factory default:	Adult Standard escalating 150, 200, 200J Adult Power escalating 200, 250, 360J Paediatric (Standard or Power) 50J fixed
Charging time:	≤ 9 seconds with a new and fully charged battery. Depleted battery will result in a longer charging time
Analysis time:	IEC/EN 60601-2-4, from 4 to 15 seconds
Impedance:	20-200 ohms
Sensitivity:	IEC/EN 60601-2-4 (AHADB, MITDB source), 97%
Specificity:	IEC/EN 60601-2-4 (AHADB, MITDB source), 99%
Controls:	3 buttons for Semi-Automatic: ON/OFF switch, Shock, "i" button 2 buttons for Fully Automatic: ON/OFF switch, "i" button
Flashing Icons:	"connect pads to patient" "adult/child" informing on pads type in use "don't touch patient" warning to stay clear "touch patient" informing it's safe to touch
Indicators:	Status LED indicator informing on device condition Battery gauge with remaining capacity rate Audible alerts and text display with service alarms
Upgradeable:	through a USB cable or a removable memory card or by remote through AMISAVERCLOUD

Event Recording

Internal memory:	up to 6 continuous hours of ECG and rescue events
Optional memory:	Removable SD card. Length of storage depends on card capacity: a 2GB card records up to 100 hours
Data recording:	"AED1LOG" text file with detailed self-test activity "AEDFILES" multimedia files with complete recorded information
Event review:	"Saver view express " data management software

Battery Options

Type:	Li-SOCl$_2$ Disposable, code SAV-C1032
Autonomy:	300 complete rescue cycles (shocks at 200J and CPR) *or* 200 complete rescue cycles (shocks at 360J and CPR) *or* 35 hours ECG Monitoring for a new and fully charged battery (*)
Shelf-Life:	5 years when stored in its original packaging (*)
Standby-Life:	4 years once installed to AED, assuming one battery insertion test and daily self-tests but without switching AED on (*)
Type:	Li-Ion Accumulator (rechargeable), code SAV-C1033
Recharging time:	2,5 hours with the charger station code SAV-C1034(*)
Autonomy:	250 shocks at 200J or 160 shocks at 360J or 21 hours in ECG Monitoring for a new fully charged battery (*recommended to charge every 4 months at least)
Battery Life:	2 years or 300 charging cycles (*)

Pads Options

Type:	Disposable, pre-gelled and self-adhesive
Adult:	code SAV-C0846, for patient >8 years or >25Kg 81 cm^2 conductive surface
Paediatric:	Code SAV-C0016 for patient from 1 to 8 years old or <25Kg 31 cm^2 conductive surface
Cable length:	120 cm
Shelf-Life:	30 months

Physical

Size:	29,5 x 23,0 x 11,5 cm
Weight:	+/- 2,65 Kg

Environmental

Operating temperature:	0°C to 55°C (32°F TO 131°F)
Storing/Shipping temperature:	-40°C to 70°C (-40°F TO 158°F)
Humidity:	10% to 95% relative humidity non-condensing
Sealing (IP Protection):	IEC/EN 60529 class IP56;
Shock/Drop Abuse Endurance:	IEC/EN 60601-1 clause 21; 1 meter drop, impact, force, rough handling, mobile tolerance
Electrostatic Discharge:	IEC/EN 61000-4-2
Electromagnetic Compatibility:	EN 60601-1-2; Emission, Immunity
Electrical Protection:	IEC/EN 60601-1 Internally Powered, Type BF
Directive 93/42/CEE:	Class IIb
Radio Equipment Directive (RED):	Directive 2014/53/UE

GEOLOC MODULE

Frequency:	GSM; 850,900,1800,1900 MHz; UMTS: 900,2100 MHz GPS: 1575,1600 Mhz

Geoloc Battery Options

Type:	Li-SOCl2 Disposable, code SAV-C1038
Shelf-Life:	5 years when stored in its original packaging (*)
Battery Life:	4 years once installed to AED, assuming one battery insertion test and daily self-tests but without switching AED on (*)
Type:	Li-Ion Accumulator (rechargeable), code SAV-C1039
Recharging Time:	2,5 hours with the charger station code SAV-C1040 (*) (*recommended to charge every 4 months at least)
Battery life:	2 years or 300 charging cycles (*)

(*) temperature at 20° C Humidity 45% non-condensing

Model Numbers

Code SGS-B0988: Semi- Automatic Standard Version at 200J
Code SGS-B0989: Semi- Automatic Power Version at 360J
Code SGA-B0990: Fully Automatic Standard Version at 200J
Code SGA-B0991: Fully Automatic Power Version at 360J

CONFIGURATION OPTIONS (BOX CONTENT)

Conf-Norm:	Standard Basic Configuration (adult pads, disposable battery)
Conf-Rech:	Rechargeable Configuration (adult pads, accumulator, charger station)

GEO SAVER D

FIRST GEO DEFIBRILLATOR

THE BEST CHOICE FOR HARSH,OUTDOOR OR MOBILE USE

Small and lightweight AED with ECG Monitoring capability, totally reliable for trained users.

While in AED mode, it allows the user to view the ECG
on a very large full-colour interactive display (12x8cm/5,7”).
Additionally, with the GEO SAVER D it’s possible to select an ECG Monitoring mode,
to allow for watch over the rhythm and heart rate while using defibrillator pads
or standard ECG electrodes connected to a separate cable.

ECG monitor: *compliant to IEC60601-2-27*

Advanced graphical interface combined
with instructive voice prompts to guide rescuers

Equipped with **two independent batteries**: one dedicated to AED module and one dedicated to Geoloc module, to ensure that remote control feature does not drain the autonomy of the primary feature of defibrillator

Several alternatives for r**ecording and transfer data**
(internal memory, removable memory card, USB port, by remote)

Biphasic technology **up to 360J**

Unique feature: ECG can be sent in real time to AMISAVERCLOUD platform to enable another operator to monitor the ECG simultaneously with the local rescuer just through any web connected device.

Meet AHA/ERC 2017 Guidelines

Maintenance-Free: Automatically performs daily, monthly and six-month extensive self-checks of all main components: battery, internal electronics, energy charge and disarm, shock and ECG calibration systems. Daily testing data are stored by the device as text file (named AED1LOG) easily readable by any computer. AED runs further tests after each battery insertion as well as every time the device is turned on. A visual cue (green/red status indicator) provides effective alert to users whether AED is in working order and ready for a rescue.

Service Mini-Screen: In standby the mini LCD screen displays a check mark confirming AED is ready for use and a battery gauge informing about the residual charge. Error codes will appear in faulty conditions.

Helpful Menu: 3 buttons for navigating the software menu to set up device at user leisure: adjust the local date or time, adapt the screen or volume to ambient lights and noises, exclude the microphone while recording events, select a different language, print out the ECG files or simply get information on device and battery.

CPR Coaching: More instructive voice and text prompts guide user through rescue. A built-in metronome assists responder during the CPR providing audio cues for the appropriate number and rate of chest compressions.

Adult / Child Capability: Can be used on patients of any age with Adult or Paediatric proper electrodes. Device senses when paediatric pads are installed and automatically adjusts to use a more appropriate lower energy level (50J).

Monitoring section menu: a new section has been introduced for the management of technical and physiological alarms and signals, according to IEC/EN 60601-2-27: patient loss, high or low heart rate, audio and visual signal for detection of a shockable rhythm so that the operator can switch/activate the semi-automatic modes to deliver the shock (using the appropriate pads); scaling of the ECG trace on the display (gain x2 or ÷2) reset of the audio or visual alarms.

TECHNICAL DATA SHEET

Defibrillator

Operation:	AED Semi-Automatic ECG Monitoring capability
Energies:	Standard max 200J or Power max 360J
Waveform:	Adaptive BTE {biphasic truncated exponential) conforming to patient chest's impedance
Protocols:	Various adult shock protocols available on request
Factory default:	Adult Standard escalating 150, 200, 200J Adult Power escalating 200, 250, 360J Paediatric (Standard or Power) 50J fixed
Charging time:	≤9 seconds with a new and fully charged battery. Depleted battery will result in a longer charging time
Analysis time:	IEC/EN 60601-2-4, from 4 to 15 seconds Impedance: 20-200 ohms
Sensitivity:	IEC/EN 60601-2-4 (AHADB, MITDB source), 97%
Specificity:	IEC/EN 60601-2-4 (AHADB, MITDB source), 99%
Controls:	2 buttons: ON/OFF, shock button 3 buttons to surf the menu.
Indicators:	Status LED indicator informing on device condition Battery gauge with remaining capacity rate Audible alerts and text display with service alarms
Upgradeable:	Through a USB cable or a removable card or by remote through AMISAVERCLOUD

ECG Monitoring

Operation:	Through defibrillation pads or standard ECG electrodes attached to a separate 2-Lead patient monitoring reusable cable SAV-C0017
ECG Size:	Manual setting through the menu
Heart Rate:	30-200 bpm
Sweep Speed:	25 mm/sec
Standard:	IEC/EN 60601-2-27 less than the points 202.6.2.101, 201.12.1.101.12,13, 208.6.6.2.101 not performed for the intended use of the device, as it is not intended for environments such as operating theatres or intensive care units.
Display:	5,7" TFT colour, 640X480 pixel

Event Recording

Internal memory:	up to 6 continuous hours of ECG and rescue events
Optional memory:	Removable SD card. Length of storage depends on card capacity: a 2GB card records up to 100 hours
Data recording:	"AED1LOG" text file with detailed self-test activity "AEDFILES" multimedia files with complete recorded information
Event review:	“Saver view express " data management software

Battery Options

Type:	Li-$SOCl_2$ Disposable, code SAV-C1032
Autonomy:	250 complete rescue cycles (shocks at 200J and CPR) *or* 160 complete rescue cycles (shocks at 360J and CPR) *or* 24 hours ECG Monitoring for a new and fully charged battery (*)
Shelf-Life:	5 years when stored in its original packaging (*)
Standby-Life:	4 years once installed to AED, assuming one battery insertion test and daily self-tests but without switching AED on (*)
Type:	Li-Ion Accumulator (rechargeable), code SAV-C1033
Recharging time:	2,5 hours with the charger station code SAV-C1034(*)
Autonomy:	200 shocks at 200J or 110 shocks at 360J or 14 hours in ECG Monitoring for a new fully charged battery (*recommended to charge every 4 months at least)
Battery Life:	2 years or 300 charging cycles (*)

Pads Options

Type:	Disposable, pre-gelled and self-adhesive
Adult:	code SAV-C0846, for patient >8 years or >25Kg 81 cm^2 conductive surface
Paediatric:	Code SAV-C0016 for patient from 1 to 8 years old or <25Kg 31 cm^2 conductive surface
Cable length:	120 cm
Shelf-Life:	30 months

Physical

Size:	29,5 x 23,0 x 11,5 cm
Weight:	+/- 2,85 Kg

Environmental

Operating temperature:	0°C to 55°C (32°F TO 131°F)
Storing/Shipping temperature:	-40°C to 70°C (-40°F TO 158°F)
Humidity:	10% to 95% relative humidity non-condensing
Sealing (IP Protection):	IEC/EN 60529 class IP56;
Shock/Drop Abuse Endurance:	IEC/EN 60601-1 clause 21; 1 meter drop, impact, force, rough handling, mobile tolerance
Electrostatic Discharge:	IEC/EN 61000-4-2
Electromagnetic Compatibility:	EN 60601-1-2; Emission, Immunity
Electrical Protection:	IEC/EN 60601-1 Internally Powered, Type BF
Directive 93/42/CEE:	Class IIb
Radio Equipment Directive (RED):	Directive 2014/53/UE

GEOLOC MODULE

Frequency:	GSM; 850,900,1800,1900 MHz; UMTS: 900,2100 MHz GPS: 1575,1600 Mhz

Geoloc Battery Options

Type:	Li-SOCl2 Disposable, code SAV-C1038
Shelf-Life:	5 years when stored in its original packaging (*)
Battery Life:	4 years once installed to AED, assuming one battery insertion test and daily self-tests but without switching AED on (*)
Type:	Li-Ion Accumulator (rechargeable), code SAV-C1039
Recharging Time:	2,5 hours with the charger station code SAV-C1040 (*) (*recommended to charge every 4 months at least)
Battery life:	2 years or 300 charging cycles (*)

(*) temperature at 20° C Humidity 45% non-condensing

Model Numbers

Code SGD-B0992: Standard Version with maximum energy at 200J
Code SGD-B0993: Power Version with maximum energy at 360J

CONFIGURATION OPTIONS (BOX CONTENT)

Conf-Norm: Standard Basic Configuration (adult pads, disposable battery)
Conf-Rech: Rechargeable Configuration (adult pads, accumulator, charger station)
Conf-Print: Print Ready Configuration (adult pads, disposable battery, IrDA port and thermal printer)
Conf-Rech/Print: Rechargeable & Print Ready Configuration (adult pads, accumulator, charger station, IrDA port and thermal printer)

GEO SAVER P
FIRST GEO DEFIBRILLATOR

THE HANDY AED FOR PROFESSIONAL USE

Tough, small and lightweight defibrillator easy to carry and use anywhere. Can works both as an AED/Manual Defibrillator/basic cardiac monitoring device.

AED per default, reliable for any BLS rescuer, can be easily switched in a Manual Defibrillator giving to ALS responders the best decision-making control for a manual shock timing or an electric cardioversion (synchronised shock).

Practical and flexible with advanced PBLS features enabling healthcare providers to use the 15:2 CV ratio when performing a Paediatric Basic Life Support, as required by guidelines if more than one rescuer with a duty to respond.

ECG monitor: *compliant to IEC60601-2-27*

Advanced graphical interface
combined with instructive voice prompts to guide rescuers

Equipped with **two independent batteries**: one dedicated to AED module and one dedicated to Geoloc module, to ensure that remote control feature does not drain the autonomy of the primary feature of defibrillator

Several alternatives for r**ecording and transfer data**
(internal memory, removable memory card, USB port, by remote)

Biphasic technology **up to 360J**

Unique feature: ECG can be sent in real time to AMISAVERCLOUD platform to enable another operator to monitor the ECG simultaneously with the local rescuer just through any web connected device.

Meet AHA/ERC 2017 Guidelines

Maintenance-Free: Automatically performs daily, monthly and six-month extensive self-checks of all main components: battery, internal electronics, energy charge and disarm, shock and ECG calibration systems. Daily testing data are stored by the device as text file (named AED1LOG) easily readable by any computer. AED runs further tests after each battery insertion and every time device is turned on. A visual cue (green/red status indicator) provides effective alert to users whether AED is in working order and ready for a rescue.

Service Mini-Screen: In standby the mini LCD screen displays a check mark confirming AED is ready for use and a battery gauge informing about the residual charge. Error codes will appear in faulty conditions.

Entirely Discretionary: 6 push-buttons allowing users to get the total control of defibrillator while in use: select the best modality, Manual Synchronous or Asynchronous or simply AED, to treat SCA according to events, take decision for shock anytime by choosing the right energy level to be delivered at each shock and get the device charged and ready to shock whenever needed or even disarm it in case defibrillation is not more required. Thanks to the wide display the heart rhythm rate can be watched aver using the same defibrillation pads or, in case of longer monitoring, by connecting standard ECG electrodes to a separate optional reusable cable. Each step is conducted with the appropriate running features selected and set up in the device software by users.

Adult / Child Capability: Can be used on patients of any age with Adult or Paediatric proper electrodes. Device senses when Paediatric pads are installed and automatically adjusts to use a more appropriate lower energy level (50J).

Monitoring section menu: a new section has been introduced for the management of technical and physiological alarms and signals, according to IEC/EN 60601-2-27: patient loss, high or low heart rate, audio and visual signal for detection of a shockable rhythm so that the operator can switch/activate the semi-automatic modes to deliver the shock (using the appropriate pads); scaling of the ECG trace on the display (gain x2 or ÷2) reset of the audio or visual alarms.

TECHNICAL DATA SHEET

Defibrillator

Operation:	AED Semi-Automatic (default) ECG Monitoring capability Manual Asynchronous or Synchronous (used to convert atrial or ventricular tachyarrhythmia's)
Energies:	Standard max 200J or Power max 360J
Waveform:	Adaptive BTE (biphasic truncated exponential) conforming to patient chest's impedance
AED Protocols:	Various adult shock protocols available on request
Manual Protocols:	Selected by users from 50 to 360J. For electric cardioversions (in Synchronous mode) the shock is synchronised to occur with the R wave of the ECG.
Energy Display:	Screen provides the energy to deliver both in Manual mode or AED mode
Charging time:	≤ 9 seconds with a new and fully charged battery. Depleted battery will result in a longer charging time
Analysis time:	IEC/EN 60601-2-4, from 4 to 15 seconds
Impedance:	20-200 ohms
Sensitivity:	IEC/EN 60601-2-4 (AHADB, MITDB source), 97%
Specificity:	IEC/EN 60601-2-4 (AHADB, MITDB source), 99%
Controls:	2 buttons: ON/OFF, shock button; 3 buttons: to surf the menu; 3 buttons: select energy, charge, disarm the device
Indicators:	Status LED indicator informing on device condition Battery gauge with remaining capacity rate Audible alerts and text display with service alarms
Upgradeable:	through a USB cable or a removable memory card or by remote through AMISAVERCLOUD

ECG MONITORING

Operation:	Through defibrillation pads or standard ECG electrodes attached to a separate 2-Lead patient monitoring reusable cable SAV-C0017
ECG Size:	Manual setting through the menu
Heart Rate:	30-200 bpm
Sweep Speed:	25 mm/sec
Standard:	IEC/EN 60601-2-27 less than the points 202.6.2.101, 201.12.1.101.12,13, 208.6.6.2.101 not performed for the intended use of the device, as it is not intended for environments such as operating theatres or intensive care units.
Display:	5,7" TFT colour, 640X480 pixel

Event Recording

Internal memory:	up to 6 continuous hours of ECG and rescue events
Optional memory:	Removable SD card. Length of storage depends on card capacity: a 2GB card records up to 100 hours
Data recording:	"AED1LOG" text file with detailed self-test activity "AEDFILES" multimedia files with complete recorded information
Event review:	"Saver view express " data management software

Battery Options

Type:	Li-SOCl$_2$ Disposable, code SAV-C1032
Autonomy:	250 complete rescue cycles (shocks at 200J and CPR) *or* 160 complete rescue cycles (shocks at 360J and CPR) *or* 24 hours ECG Analysis for a new and fully charged battery (*)
Shelf-Life:	5 years when stored in its original packaging (*)
Standby-Life:	4 years once installed to AED, assuming one battery insertion test and daily self-tests but without switching AED on (*)
Type:	Li-Ion Accumulator (rechargeable), code SAV-C1033
Recharging time:	2,5 hours with the charger station code SAV-C1034(*)
Autonomy:	200 shocks at 200J or 110 shocks at 360J or 14 hours in ECG Analysis for a new fully charged battery (*recommended to charge every 4 months at least)
Battery Life:	2 years or 300 charging cycles (*)

Pads Options

Type:	Disposable, pre-gelled and self-adhesive
Adult:	code SAV-C0846, for patient >8 years or >25Kg 81 cm^2 conductive surface
Paediatric:	Code SAV-C0016 for patient from 1 to 8 years old or <25Kg 31 cm^2 conductive surface
Cable length:	120 cm
Shelf-Life:	30 months

Physical

Size:	29,5 x 23,0 x 11,5 cm
Weight:	+/- 2,85 Kg

Environmental

Operating temperature:	0° C to 55° C (32°F TO 131°F)
Storing/Shipping temperature:	-40°C to 70°C (-40°F TO 158°F)
Humidity:	10% to 95% relative humidity non-condensing
Sealing (IP Protection):	IEC/EN 60529 class IP56;
Shock/Drop Abuse Endurance:	IEC/EN 60601-1 clause 21; 1 meter drop, impact, force, rough handling, mobile tolerance
Electrostatic Discharge:	IEC/EN 61000-4-2
Electromagnetic Compatibility:	EN 60601-1-2; Emission, Immunity
Electrical Protection:	IEC/EN 60601-1 Internally Powered, Type BF
Directive 93/42/CEE:	Class IIb
Radio Equipment Directive (RED):	Directive 2014/53/UE

GEOLOC MODULE

Frequency:	GSM; 850,900,1800,1900 MHz; UMTS: 900,2100 MHz GPS: 1575,1600 Mhz

Geoloc Battery Options

Type:	Li-SOCl2 Disposable, code SAV-C1038
Shelf-Life:	5 years when stored in its original packaging (*)
Battery Life:	4 years once installed to AED, assuming one battery insertion test and daily self-tests but without switching AED on (*)
Type:	Li-Ion Accumulator (rechargeable), code SAV-C1039
Recharging Time:	2,5 hours with the charger station code SAV-C1040 (*) (*recommended to charge every 4 months at least)
Battery life:	2 years or 300 charging cycles (*)

(*) temperature at 20° C Humidity 45% non-condensing

Model Numbers

Code SGP-B0994: Standard Version at 200J
Code SGP-B0995: Power Version at 360J

CONFIGURATION OPTIONS (BOX CONTENT)

Conf-Norm: Standard Basic Configuration (adult pads, disposable battery)
Conf-Rech: Rechargeable Configuration (adult pads, accumulator, charger station)
***Conf-Print*:** Print Ready Configuration (adult pads, disposable battery, IrDA port and thermal printer)
Conf-Rech/Print: Rechargeable & Print Ready Configuration (adult pads, accumulator, charger station, IrDA port and thermal printer)

North Italy Office
Viale Gran Sasso, 11
20131 Milano - Italy
Tel: +39.02.20509246
Fax: +39.02.29520839

South Italy Office & Production
Via Cupa Reginella 15/A
80010 Quarto (NA) Italia
Tel: +39.081.8060574
Fax: +39.081.8764769

Headquarters production site:
A.M.I. International kft.
Kőzúzó u. 5/A 2000 Szentendre HU
Hungary
Tel: +3626302210

6 YEARS WARRANTY

Manufactured in Italy

IMQ mark for Safety & Quality

CE 0051

AMI ITALIA MEDICAL DEVICES

AMI INTERNATIONAL MEDICAL DEVICE

VERS. AMI GEO REV 02.2020