



Sudden Cardiac Arrest (SCA) is one of the main death cause in developed countries.

SCA victims' survival depends on fast action (see survival curve).

AED use can keep patients alive until the emergency arrives.

Massive AED deployment in public and private sites is the solution.

Each AED must be accessible and operating at all times.

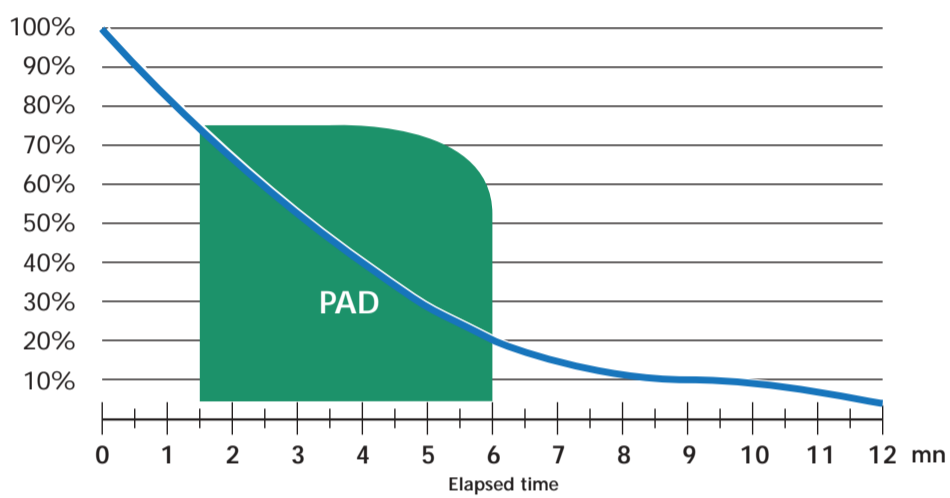
That is why PYRESCOM created and achieved AIVIA.

AED smart monitoring cabinet

AIVIA's peculiarity is AED operability control, immediate alert of emergency services and supervision for best material vigilance.

Program Access for Defibrillators (PAD)

Survival curve



- Legend**
- Survival rate based on elapsed time.
 - PAD Enabling AED in public access... Operational with AIVIA.

AIVIA protects AED

Basic features :

- Industrially designed, AIVIA is ready for both indoor and outdoor use.
- Its polycarbonate shockproof hood combines robustness and look.
- Access to the hood is free or controlled (digital lock, proximity card, key, or by centralized unlocking system).
- A seal guarantees that the content is conform.
- When dark, the AED lits up.
- A hand free doors telephone module makes it easier to alert emergency medical services and provides it with an emergency calling terminal status.

AIVIA's plus :

- AIVIA and AED status reports are sent (every hour) to a central server/host.
- Alerts or alarms on all malfunctioning are immediately sent.
- Hierarchic access to the server through Internet to visualize fleet.
- AIVIA's database is exploitable thanks to multi-criteria extraction requests.
- All events traces during AIVIA and AED uses insure a perfect material-vigilance.

Options :

- An audio signal (hooter type) goes off when opening or removing the AED from the module (depending on models).
- Temperature control together with a heating system insures a basic temperature.
- Communications mode (voice and data) such as : wired, GSM, VOIP, xDSL, GPRS, WiFi...



AIVIA : 3 series (BAT, SEC, LAN)

9 models (from basic protection to advanced monitoring cabinet).

BAT serie: battery power supply

SEC serie : main current power supply

LAN serie : network connection operational control

	100-200-300	210-310	220-320	230-330					
Series	BAT	SEC		LAN					
Models	100	200	210	220	230	300	310	320	330
Stand alone	●								
Main power		●	●	●	●	●	●	●	●
Backup battery		●	●	●	●	●	●	●	●
Night/day light	●	●	●	●	●	●	●	●	●
Card reader		●				●	●	●	●
Digital lock		●			●	●	●	●	●
Temperature control		●	●	●	●	●	●	●	●
AED detection	●	●	●	●	●	●	●	●	●
RTC Emergency call				●	●			●	●
VOiP Emergency call								●	●
GSM Emergency call				●	●			●	●
Local network						●	●	●	●
GPRS						●	●	●	●
ADSL						●	●	●	●
Wifi						●	●	●	●
Hooter	●	●	●	●	●	●	●	●	●
Heating		●	●	●	●	●	●	●	●

● Default ● Optional ● Only one selection

On BAT and SEC series, hooter is associated to AIVIA's opening.

Features common to all models :

- Dimensions :
 - Height 580 mm (22,8 inches)
 - Width 380 mm (15 inches)
 - Depth 220 mm (8,66 inches)
 - Weight : 6 Kg (12 lbs) (+/- 1 Kg (2 lbs) depending on options)
- Power supply 24 Volts (save BAT serie).
- Metal INOX 10/10°
- Polycarbonate hood (UL VO- UV absorbing).

Specific features for LAN series :

- PYRESCOM UC-LX card, processor 32 bits (ARM 9).

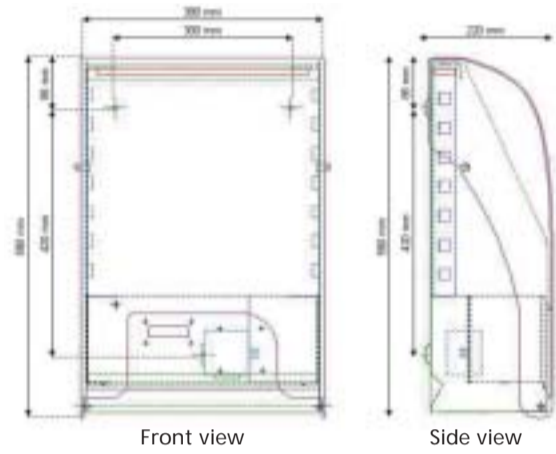
Memory capacity :

- FLASH (8 Mo in basic version) 2 Mo available for specific applications.
- 2 Mo SRAM.

Option : Memory card MMC (16 Mo > 1 Go).

Communications ports :

- 10/100M Ethernet Port.



OS operating system :

- 2,6 nucleus on-board LINUX.
- IP V6 compatibility: TCP, UDP, DHCP, HTTP/HTTPS, FTP, SMTP, POP, SNTP, ICMP, ARP...
- SSL 128bits encryption.



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