

hospi



AED

**Advanced Low-energy
Defibrillator to Guard
Winter Olympics**

HSP-AED-S2

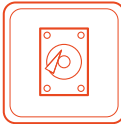
The AED for Olympic Winter Games Beijing 2022

hospi

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- Multiple gears for configuring low-energy defibrillation
- Accurate heart rhythm identification and high interference immunity
- Synchronized analysis and charging for quick emergency response



- Regular self-tests
- Self-management
- Accurate tracing



- Scenario-based module options
- Customized parameter settings
- Meticulous cost control



- AED smart management system
- Linked to emergency medical centers
- Integrating AEDs deployed in public places



Flexible and Easy-to-Use

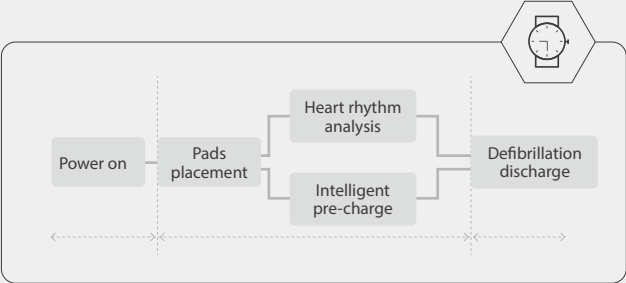
Intuitive Instructions to Assist Rescue

- 160-degree viewing angle screen
- LED/LCD screen
- Audible animation/graphic interactive guidance
- CPR demonstration
- CPR coaching
- Pre-hospital emergency treatment support



Quick Rescue Response

- Power on
- Pads placement and automatic heart rhythm analysis
- Synchronized intelligent pre-charge
- Defibrillation discharge



Instant Switch with a Single Button





Quick Rescue

Low-energy Defibrillation Technology

The advanced low-energy biphasic truncated exponential (BTE) defibrillation technology results in less myocardial damage, better defibrillation effect, and higher first-time defibrillation efficiency.

Accurate Heart Rhythm Identification and Extra-strength Interference Immunity

The device has leading heart rhythm identification and analysis accuracy thanks to a sample database accumulated over 20 years, and is equipped with pacemaker pulse and shaking interference detection technology to filter pacing signals and other interferences in real time.

Multi-gear Energy Sequence

Based on the low-energy defibrillation technology, the device boasts a multi-gear energy sequence which provides configurable defibrillation energy, and features the function of real-time, dynamic body impedance compensation to finely adjust energy, resulting in a safer and more efficient discharge.

Quick Rescue Response

The device can simultaneously initiate heart rhythm analysis and pre-charge, and quickly determine if a shock is needed. If so, the device will be ready to discharge for timely rescue.



Intelligent and Portable

Intelligent Pas Identification and Checking

- Automatically identifies adult/child pads and switches to the relevant defibrillation mode;
- Automatically checks pads shelf life and gives notice of the expiry date on a daily basis;
- Each pad has its own identification number.

Intelligent Battery Management

- Comprehensively monitors battery conditions including temperature, power-on time, power-off time, abnormal drop, low power, exhaustion time and remaining power;
- Each battery has its own identification number.

Hybrid Positioning System

- A hybrid positioning system encompassing GPS, Beidou satellite system and base stations is used to locate devices.

Regular Self-tests

- The device automatically performs daily, weekly and monthly self-tests on all of its components and functions, including batteries, pads, and circuits of each module.



Real-time Recording

- The device features a built-in sound-filter chip to provide quality and high-fidelity audio records up to 80 minutes, which substantially improves the traceability of rescue operations.

Environment-based Adjustment

- The device automatically chooses the optimum voice prompt volume and screen brightness for different environments.

Large Storage Capacity and Flexible Data Transmission

40,000+ event records | 4,000+ self-test result records | Maximum recording length of 80 min | 16h+ CPR prompts

- The device can trace daily events and record rescue operations over a longer time span. Device information and first-aid data can be transferred and downloaded wirelessly via Bluetooth, WiFi, or a 4G/5G network.



Scenario-based Customization

Customized Configurations for Diverse Scenarios

- The hardware, software and accessories can be selected as required and configured for multiple scenarios with customized parameters and specific cost control demands. This well satisfies diverse needs of different clients and addresses challenges posed by different environments.
- 4 Models, 8 Sizes and Customizable Configurations
- The device has passed rigorous military standards, demonstrating excellent water and dust resistance, anti-drop protection, and it is applicable in extremely cold and high-altitude environments, and complies with ambulance transportation standards.



Smart Management

AED Smart Management System Empowers Emergency Care

JOUnet, a leading AED management system developed by Jousing, uses Huawei Cloud, cloud computing and 4G/5G technology to monitor and manage AED device data, which forms a closed link in AED usage in terms of location, time, personnel and emergency response and integrates AEDs deployed in public places to empower pre-hospital emergency care.



One-stop Device Management

- Real-time monitoring of AEDs and accessories
- Quick retrieval of rescue data and audio records
- Precise location positioning using various methods
- High compatibility with other AED brands and platforms



Refined Personnel Management

- Customized authorization for administrators
- Effective management of first-aid volunteers



Scenario-based Solutions

- One-click emergency response in public places
- Real-time tracing during sports events
- Flexibly meeting corporate and individual demands



Linked to Emergency Medical Centers

- Integrating AEDs deployed in public places
- Linked to local emergency medical centers
- Monitoring AED status at any time during treatment
- AED rescue data can be easily retrieved



AED First-aid Map Applet

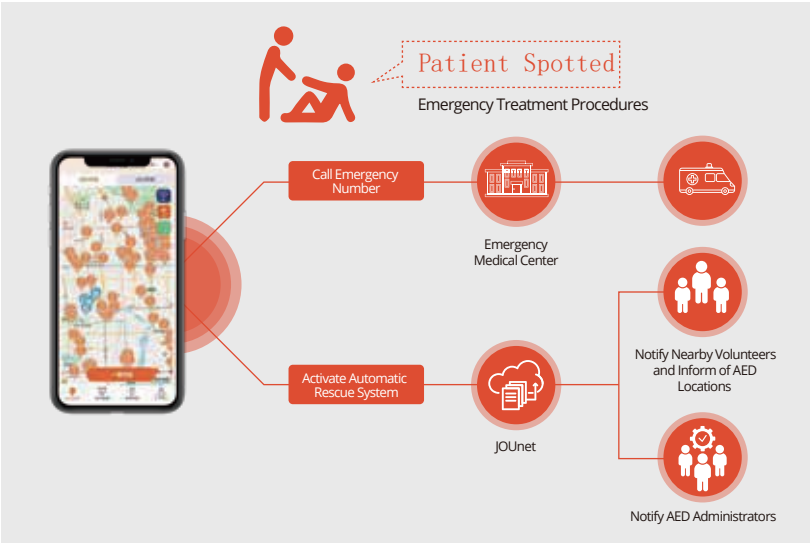
The JOUnet-based emergency response WeChat applet – AED First-aid Map – has ingeniously linked publicly deployed AEDs and emergency medical volunteers, visualizing the status of these AEDs and helping locate them via any navigation app. Through a simple click on the applet, anyone can call for emergency medical help, whereby trained volunteers will rush to the scene as soon as possible.

Find AEDs Nearby



One-Click-For-Help

- 01 Open the WeChat applet "AED First-aid Map"
- 02 Click "Call for Help"
- 03 Call for emergency medical services or activate the automatic rescue system



Product Features



Defibrillation Waveform

- Low-energy biphasic truncated exponential (BTE) waveform (automatic impedance compensation)



Energy Level

- Adult mode: 150-200J (configurable sequence)
- Child mode: 50J
- Adjustable energy level according to the impedance



Display Viewing Angle and Brightness Adjustment

- 160-degree viewing angle, high-definition screen
- Automatic display brightness adjustment according to ambient light



Volume Adjustment

- Adjustable volume according to ambient noise level (maximum volume ≥80dB)



Self-tests

- Periodical self-tests, battery insertion self-tests, and power-on self-tests
- Storage capacity: 4,000 pieces of self-test results
- Storage capacity: 40,000 pieces of log data



Ingress Protection

- IP54, in compliance with GB/T14710-2009



Anti-drop

- Drop resistance up to 1.6meters, in compliance with EN1789



Operating Temperature

- -20°C~+50°C



Audio Recording

- Storage capacity: 80 min of rescue operation recordings



Accessories

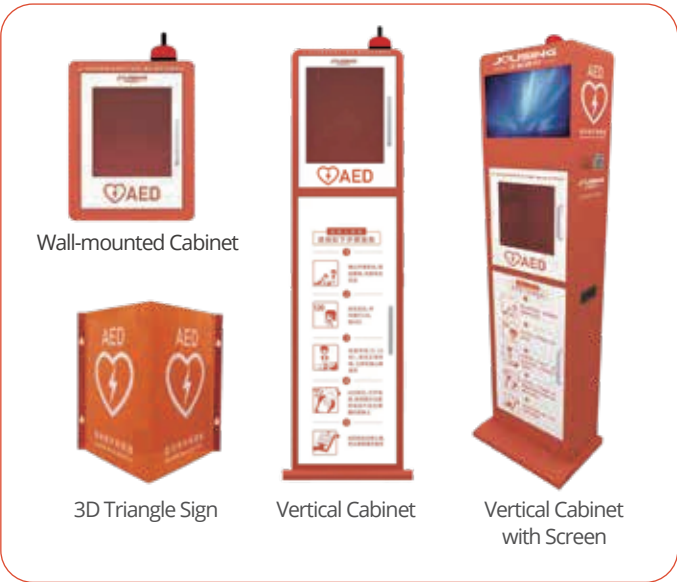
Standard Accessories

- Battery
- Pads
- Carrying Case



Optional Accessories

- Wall-mounted Cabinet
- 3D Triangle Sign
- Vertical Cabinet
- Vertical Cabinet with Screen



Customer Service Support

Service Network

Jousing has established a strategic partnership with Lenovo to provide timely customer support.
A complete service network covering Chinese cities of all levels | 2,400+ service centers | 10,000+ service technicians | Response time within 2 hours | Solution delivery within 4 hours | On-the-spot service within 48 hours

Standardized Deployment Support

Jousing provides whole-process customer support and standardized services covering everything from product delivery to installation, and follows up on customer satisfaction and feedback.

Integrated Tracing Services

Featuring integrated remote monitoring, automated notifications and human support, the system can trace deployment, conduct regular assessments and provide optimization suggestions.