



The image displays three medical devices from CU Medical Systems, Inc. arranged on a dark, tiered surface. In the foreground is a large, white monitor/defibrillator with a prominent screen showing a heart rate of 86 and a blood pressure of 98. It features a large, colorful control knob and several buttons. To the left, a smaller, white portable AED (Automated External Defibrillator) is shown, featuring a clear window displaying defibrillation pads and a green '1' sticker. To the right, another smaller, white portable device, labeled 'iPad', is shown, featuring a screen with a diagram of a person and a green '2' sticker. The background is dark and out of focus.

IPAD CU-SPR PUBLIC ACCESS AED



Key Features

Convenience

- Device and consumables status LCD screen for quick monitoring
- CPR metronome, voice guidance, and graphic instructions
- Adult / pediatric mode quick change button
- Data transfer by USB

Safety

- Automatic internal discharge
- Daily / weekly / monthly self-test
- Shock resistant carrying case
- Highly water resistant casing IP66 / IP68 (Option)

Technology

- Semi-automated e-cube biphasic defibrillation
- Combined adult / pediatric pads or dedicated pediatric pads support
- Automatic background noise analysis and device volume adjustment
- CPR step detection indicator for more effective CPR

Advanced and intuitive public access AED. CU-SPR is simple to use and supports both adult and pediatric patients rescue operations. Battery and pads status can be quickly monitored on the LCD screen so that the device is always ready to use. Thanks to its highly water and dust resistant casing, CU-SPR can be used even in wet and rough conditions.



IPAD CU-SPR SPECIFICATIONS

Physical

Dimensions	240mm x 230mm x 70mm (Width x Length x Height)
Weight	2kg (Including the battery pack and pads)

Environmental

Operating Conditions	Temperature: 0°C ~ 50°C (32°F ~ 122°F) Humidity: 5% ~ 95% (non condensing)
Storage Conditions	Temperature: 0°C ~ 50°C (32°F ~ 122°F) Humidity: 5% ~ 95% (non condensing)
Transport Conditions	Temperature: -20°C ~ 60°C (-4°F ~ 140°F) Humidity: 5% ~ 95% (non condensing)
Altitude	0 to 4,572 m (0 to 15,000 ft.) – operational and storage
Drop	Withstands 0.75 meter drop to any edge, corner, or surface
Vibration	Operating: Meets MIL-STD-810G Fig.514.6E-1 Standby: Meets MIL-STD-810G Fig.514.6E-2
Sealing (Regular)	IEC 60529:2013 IP66
Sealing (Optional)	IEC 60529:2013 IP68
ESD	Meets IEC 61000-4-2:2008
EMI (Radiated)	Meets IEC 60601-1-2 limits, method EN 55011:2016+A1:2017, Group 1, Class B
EMI (Immunity)	Meets IEC 60601-1-2 limits, method EN 61000-4-3:2006 +A2:2010 Level 3 (10V/m 80MHz to 2.5GHz)

Defibrillator

Operating Mode	Semi-automated
Waveform	E-cube biphasic (Truncated exponential type)
Output Energy	150J at 50 Ω load for adults 50J at 50 Ω load for children
Charge Control	Controlled by an automated patient analysis system
Charging Time	Within 3 seconds from when the voice instruction, "An electric shock is needed" is issued.
Time from Initiation of Rhythm Analysis	10 seconds with a new battery (even after the delivery of 15 discharges at 150J) 12 seconds with a new battery (even after the delivery of 15 discharges at 200J)
Time from Power on to Readiness for Discharge	25 seconds with a new-fully charged battery (even after the delivery of 15 discharges at maximum energy)
Time from CPR to Shock	At least 6 seconds from the completion of CPR to shock delivery
Disarm	Patient's heart rhythm changes to non-shockable rhythm The SHOCK button is not pressed within 15 seconds

ECG Acquisition

Acquired ECG Lead	Lead II
Frequency Response	1 Hz to 30 Hz

ECG Analysis System

Impedance Range	25Ω to 175Ω
Shockable Rhythms	Ventricular Fibrillation or Fast Ventricular Tachycardia
Sensitivity and Specificity	Meets ANSI/AAMI DF80 guidelines

Controls, Indicators, and Prompts

Controls	Power Button Shock Button Adult/Pediatric Selection Button
Status LCD	Displays device status, battery level and pads status
Status LED	Displays device status, battery level and pads status
Indicators	Do-Not-Touch-Patient Pads Patch Position Indicators Pads Connector Status Indicator Status LED Indicator CPR Detection Indicator Shock Button Blue i-Button
Speaker	Provides voice prompts
Sound Level	80dB ~ 90dB (±3dB), apart 1m above speaker
Beeper	Provides various audible indications
Battery Level	Shown on the Status LCD
Low Battery Indicator	Flashing red i-Button

Self-Test

Automatic	Power On Self-Test, Run-time Self-Test Daily, Weekly, and Monthly Self-Test
Manual	Battery Pack Insertion Test

Battery Pack

Battery Type	12V DC, 4.2Ah LiMnO2, Disposable
Capacity	At least 150 shocks (200J) for a new battery or 6 hours of operating time
Standby Life	At least 5 years from the date of manufacture
Temperature Ranges	Operating Temperature: 0°C ~ 50°C (32°F ~ 122°F) Storage Temperature: -20°C ~ 60°C (-4°F ~ 140°F)

Adult / Pediatric Defibrillation Pads

Surface Area	85cm²
Cable Length	120cm
Shelf life	At least 36 months from the date of manufacture

Pediatric Defibrillation Pads

Surface Area	85cm²
Cable Length	120cm
Shelf Life	At least 30 months from the date of manufacture

Data Storage and Transfer

USB	External memory. Data may be copied from the internal memory to the USB.
File System	FAT32
Internal Memory Data Capacity	5 individual treatments, up to 3 hours per treatment

IPAD CU-SP1 PUBLIC ACCESS AED

Highly popular and reliable public access AED. The status LCD screen allows for quick battery and pads status monitoring. CU-SP1 supports adult and pediatric pads and has adult / pediatric mode switch as an added safety feature. Its intuitive design and lighted indicators help anyone to efficiently and confidently carry out CPR and resuscitation.



Key Features

Convenience

- Device and consumables status LCD screen for quick monitoring
- CPR metronome, voice guidance, and graphic instructions

Safety

- Automatic internal discharge
- Daily / weekly / monthly self-test
- Shock resistant carrying case
- Adult / pediatric mode change switch

Technology

- Semi-automated e-cube biphasic defibrillation
- Combined adult / pediatric pads or dedicated pediatric pads support
- Automatic background noise analysis and device volume adjustment



IPAD CU-SP1 SPECIFICATIONS

Physical

Dimensions	260mm x 256mm x 69.5mm (Width x Length x Height)
Weight	2.4kg (Including the battery pack and pads)

Environmental

Operating Conditions	Temperature: 0°C ~ 50°C (32°F ~ 122°F) Humidity: 5% ~ 95% (non condensing)
Storage Conditions	Temperature: 0°C ~ 50°C (32°F ~ 122°F) Humidity: 5% ~ 95% (non condensing)
Transport Conditions	Temperature: -20°C ~ 60°C (-4°F ~ 140°F) Humidity: 5% ~ 95% (non condensing)
Altitude	0 to 15,000 feet (operational and storage)
Drop	Withstands 1.2-meter drop to any edge, corner, or surface
Vibration	Operating: Meets MIL-STD-810G Fig.514.6E-1 Standby: Meets MIL-STD-810G Fig.514.6E-2
Sealing	IEC 60529: IP55
ESD	Meets IEC 61000-4-2:2008
EMI (Radiated)	Meets IEC 60601-1-2
EMI (Immunity)	Meets IEC 60601-1-2

Defibrillator

Operating Mode	Semi-automated
Waveform	E-cube biphasic (Truncated exponential type)
Output Energy	150J/200 J at 50 Ω load for adults 50J at 50 Ω load for children
Charge Control	Controlled by an automated patient analysis system
Charging Time	Less than 10 seconds
Time from CPR to Shock	At least 6 seconds from the completion of CPR to shock delivery
Disarm	Patient's heart rhythm changes to non-shockable rhythm The SHOCK button is not pressed within 15 seconds
Patient Isolation	Type BF

ECG Acquisition

Acquired ECG Lead	Lead II
Frequency Response	1 Hz to 30 Hz

ECG Analysis System

Impedance Range	25Ω to 175Ω
Shockable Rhythms	Ventricular Fibrillation or Fast Ventricular Tachycardia
Sensitivity and Specificity	Meets ANSI/AAMI DF80 guidelines

Controls, Indicators, and Prompts

Controls	Power Button i-Button Shock Button Adult/Pediatric Selection Switch
Indicators	Do-Not-Touch-Patient Pads Patch Position Indicators Pads Connector Status Indicator CPR Detection Indicator Shock Button Blue i-Button Red i-Button

Speaker	Provides voice prompts
Beeper	Provides various audible indication
Battery Level	Shown on the Status LCD
Low Battery Indicator	Flashing red i-Button

Self-Test

Automatic	Power On Self-Test, Run-time Self-Test Daily, Weekly, and Monthly Self-Test
Manual	Battery Pack Insertion Test

Battery Pack

Battery Type	12V DC, 4.2Ah LiMnO2, Disposable
Capacity	At least 200 shocks for a new battery or 8 hours of operating time
Standby Life	At least 5 years from the date of manufacture
Temperature Ranges	Operating Temperature: 0°C ~ 43°C (32°F ~ 109°F) Storage Temperature: -20°C ~ 60°C (-4°F ~ 140°F)

Adult / Pediatric Defibrillation Pads

Surface Area	120cm ²
Cable Length	120cm
Shelf Life	At least 36 months from the date of manufacture

Pediatric Defibrillation Pads

Surface Area	85cm ²
Cable Length	120cm
Shelf Life	At least 30 months from the date of manufacture

Data Storage and Transfer

IrDA	PC communications
Internal Memory Data Capacity	5 individual treatments, up to 3 hours per treatment
SD Card	External memory. Data may be copied from the internal memory to the SD Card



IPAD CU-SP1 AUTO FULLY AUTOMATIC PUBLIC ACCESS AED



Key Features

Convenience

- Device and consumables status LCD screen for quick monitoring
- CPR metronome, voice guidance, and graphic instructions
- Data transfer by SD card or IrDA

Safety

- Automatic internal discharge
- Daily / weekly / monthly self-test
- Shock resistant carrying case
- Adult / pediatric mode change switch

Technology

- Fully-automatic e-cube biphasic defibrillation
- Combined adult / pediatric pads or dedicated pediatric pads support
- Automatic background noise analysis and device volume adjustment

The fully automatic version of the popular CU-SP1 public access AED. Ideal for first time rescuers and public locations. Its LCD screen allows for quick pads and battery status monitoring and helps ensure device readiness. Ambient noise detection and volume adjustment ensures CU-SP1 AUTO can easily and effectively be used by anyone.



IPAD CU-SP1 AUTO SPECIFICATIONS

Physical

Dimensions	260mm x 256mm x 69.5mm (Width x Length x Height)
Weight	2.4kg (Including the battery pack and pads)

Environmental

Operating Conditions	Temperature: 0°C ~ 50°C (32°F ~ 122°F) Humidity: 5% ~ 95% (non condensing)
Storage Conditions	Temperature: 0°C ~ 50°C (32°F ~ 122°F) Humidity: 5% ~ 95% (non condensing)
Transport Conditions	Temperature: -20°C ~ 60°C (-4°F ~ 140°F) Humidity: 5% ~ 95% (non condensing)
Altitude	0 to 15,000 feet (operational and storage)
Drop	Withstands 1.2-meter drop to any edge, corner, or surface
Vibration	Operating: Meets MIL-STD-810G Fig.514.6E-1 Standby: Meets MIL-STD-810G Fig.514.6E-2
Sealing	IEC 60529: IP55
ESD	Meets IEC 61000-4-2:2008
EMI (Radiated)	Meets IEC 60601-1-2
EMI (Immunity)	Meets IEC 60601-1-2

Defibrillator

Operating Mode	Fully automatic
Waveform	E-cube biphasic (Truncated exponential type)
Output Energy	150J at 50 Ω load for adults 50J at 50 Ω load for children
Charge Control	Controlled by an automated patient analysis system
Charging Time	Less than 10 seconds
Time from CPR to Shock	At least 6 seconds from the completion of CPR to shock delivery
Disarm	Patient's heart rhythm changes to non-shockable rhythm
Patient Isolation	Type BF

ECG Acquisition

Acquired ECG Lead	Lead II
Frequency Response	1 Hz to 30 Hz

ECG Analysis System

Impedance Range	25Ω to 175Ω
Shockable Rhythms	Ventricular Fibrillation or Fast Ventricular Tachycardia
Sensitivity and Specificity	Meets ANSI/AAMI DF80 guidelines

Controls, Indicators, and Prompts

Controls	Power Button i-Button Adult/Pediatric Selection Switch
Indicators	Do-Not-Touch-Patient Pads Patch Position Indicators Pads Connector Status Indicator CPR Detection Indicator Shock Button Blue i-Button Red i-Button
Speaker	Provides voice prompts
Beeper	Provides various audible indications
Battery Level	Shown on the Status LCD
Low Battery Indicator	Flashing red i-Button

Self-Test

Automatic	Power On Self-Test, Run-time Self-Test Daily, Weekly, and Monthly Self-Test
Manual	Battery Pack Insertion Test

Battery Pack

Battery Type	12V DC, 4.2Ah LiMnO2, Disposable
Capacity	At least 200 shocks for a new battery or 8 hours of operating time
Standby Life	At least 5 years from the date of manufacture
Temperature Ranges	Operating Temperature: 0°C ~ 43°C (32°F ~ 109°F) Storage Temperature: -20°C ~ 60°C (-4°F ~ 140°F)

Adult / Pediatric Defibrillation Pads

Surface Area	120cm ²
Cable Length	120cm
Shelf Life	At least 36 months from the date of manufacture

Pediatric Defibrillation Pads

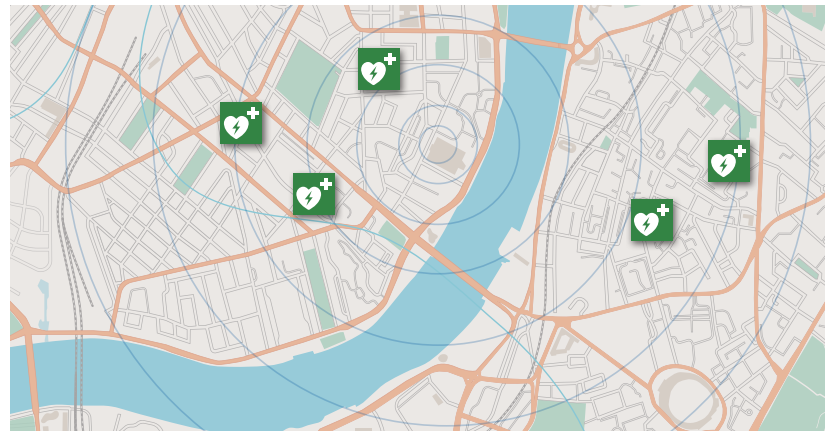
Surface Area	85cm ²
Cable Length	120cm
Shelf Life	At least 30 months from the date of manufacture

Data Storage and Transfer

IrDA	PC communications
Internal Memory Data Capacity	5 individual treatments, up to 3 hours per treatment
SD Card	External memory. Data may be copied from the internal memory to the SD Card

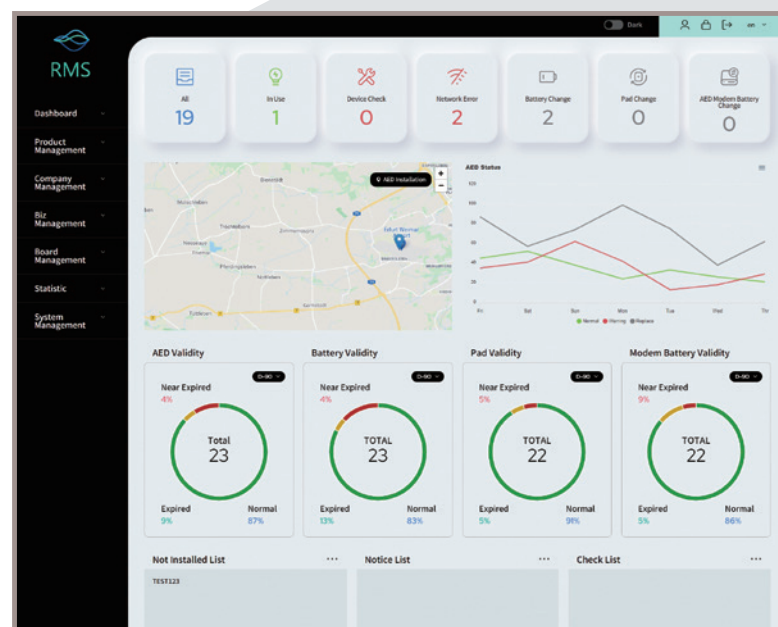
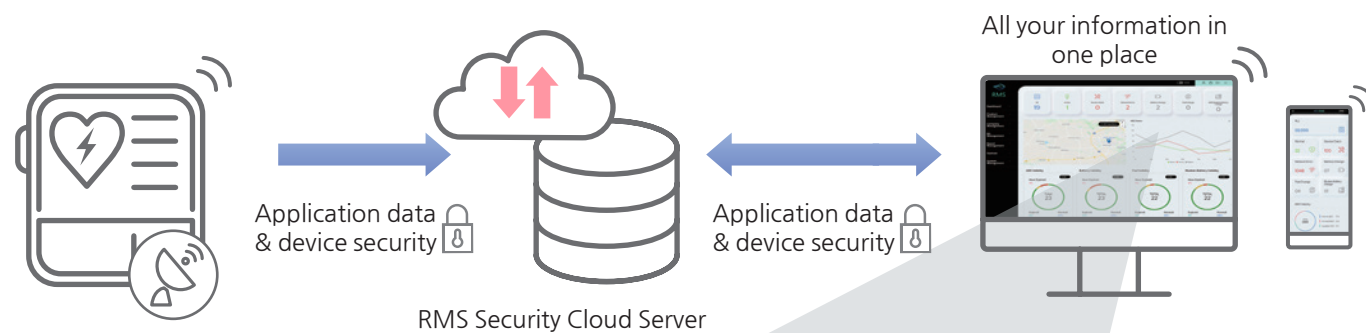
RMS Remote Management System

Manual inspection of AED is time-consuming and prone to errors. RMS ensures your AEDs are always ready to save a life and allows you to control your AEDs fleet with convenience and ease. The RMS is web-based, easy to install, efficient to maintain, and allows for rapid rescue response in case of an emergency. It is an essential management tool for modern businesses and organizations.



DEVICES ON SITE

- External network modem with built-in battery.
- Status recognition camera module (Optional / For other brands).



KEY FEATURES

Intuitive User Interface

- Quick issue monitoring through detailed device status display.
- Accurate management through information received from the device.

Self-Test & Reporting

- Daily, automatic self-test and results transmission in a report form.
- Periodical self-test information results.

Secure Data Transfer

- Real-time device operation data transfer.
- Transmission of device location to the nearest EMS.

Automatic Notifications (e-mail, SMS)

- Location notification: Deviation from pre-determined location.
- Consumables expiration notification: Pads, Battery status, etc.

BENEFITS



Efficient Maintenance

All your AED information available on your PC or mobile devices. 24/7 monitoring service helps to reduce troubleshooting response time and maintain readiness.



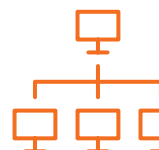
Cost-Effective Solution

RMS minimizes the data transaction required to check the device status via IoT network (NB IoT, M1). Thus, you can reduce costs & guarantee stable data transmission.



Wide Compatibility

RMS is a widely compatible and friendly solution. It can monitor not only our devices but other brands' units and legacy devices (Optional).



Service Modularization

RMS can modularize your monitoring categories and functions for your convenience.

For more information <http://www.cu911.com>

IPAD SPT AED TRAINER

Trainer unit for CU-SP1 with various training scenarios that allows for complete training in the use of the CU-SP1 device as well as other AEDs. Essential for large organization and rescue operators.



The First
Step
in Saving
Lives

CU Medical Systems

Key Features

Convenience

- Reusable training pads
- Infrared remote control
- Powered by 6 AA batteries

Safety

- No actual electric shock delivered when used

Technology

- 8 rescue scenario settings
- Real-life training for all CU-SP1 functions

IPAD SPT SPECIFICATIONS

Physical

Dimensions	260mm x 256mm x 69.5mm (Width x Length x Height)
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Environmental

Operating Conditions	Temperature: 15°C to 35°C (59°F to 95°F) Humidity: 5 % to 95 % (non-condensing)
Storage Conditions	Temperature: 0°C to 43°C (32°F to 109°F) Humidity: 5 % to 95 % (non-condensing)

Battery Pack

Battery Type	6 AA batteries
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