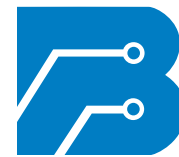




ER920W Wireless

Cardiac Event Monitors



Braemar, Inc.

Next Generation Cardiac Event Monitor

- Diagnostic embedded algorithms that automatically capture asymptomatic events
 - Atrial Fibrillation
 - Bradycardia
 - Tachycardia
 - Cardiac Pause
- Single device for patient convenience, comfort and ease of use. Patient does not need to carry a separate cell phone with and worry about power to both the device and cell phone.
- Powered by 1 AA Lithium Thionyl Battery Pack. No battery charger is required to power the cell phone.
- No patient interaction to transmit data. Simple, easy to use improving patient compliance.
- Transmission of data can be sent wirelessly or also transtelephonically as a backup if the patient is out of cellular network.
- Allows for bidirectional data flow, so the physician can monitor the patient's cardiac events and remotely program the device as required.
- Cellular transmitter embedded in the ER920W uses a "Quad-Band" modem for maximum flexibility and is compatible with both GSM and GPRS cellular networks.

The ER920W is the world's next generation

Cardiac Event Monitor. The ER920W

is an advanced wireless device that

integrates cardiac arrhythmia monitoring

and cell phone technologies in one unit.

The ER920W is a digital loop recorder

that enhances diagnostic yield with on-

board arrhythmia detection algorithms

for automatic detection, recording and

automatic transmission of patient data files

to a service center for immediate analysis

and physician attention. Transmission

occurs without patient interaction.

The ER920W provides faster patient

diagnosis, improves patient compliance and

is far superior to the current cumbersome

transmission method of traditional Cardiac

Event Monitors.

ER920W

Wireless Arrhythmia Event Monitor

Product Specifications

FUNCTIONAL

Channels1 or 2 channel
 Max Number of Events30
 Sample Rate256 samples per second
 User interfaceLCD display, sound and keypad

MEMORY

Max Event Time
 One channel30 minutes
 Two channel30 minutes
 Max Total Record Time
 One channel30 minutes
 Two channel30 minutes
 TypeFlash
 Data RetentionNon-volatile

PHYSICAL

Dimensions2.82" x 4.33" (5.16" w/antenna) x.90"
 (71.6mm x 109.9mm [131.06mm]x 22.86mm)
 Weight with Batteries5 oz (141.75 grams)
 EnclosureMolded plastic
 Operating PositionAny Orientation

ELECTRICAL

Input impedance10 Mohm minimum
 CMR ratio60dB
 AC signal range+/-3mV
 DC signal range+/-300mV
 Resolution23uV (8 bits)
 Frequency Response0.05Hz to 40Hz

ENVIRONMENTAL

Operating Temperature0°C (32°F) to 45°C (113°F)
 Non-operating Temperature...-20°C (-4°F) to 65°C (149°F)
 Operating Humidity10% to 95% (non-condensing)
 Non-operating Humidity5% to 95%



**1 Channel
Leads**

**2 Channel
Leads**

TRANSTELEPHONIC TRANSMISSION

Transmit Carrier1900Hz
 Carrier Deviation100Hz/mV

WIRELESS TRANSMISSION

TypeGSM/GPRS
 Frequency850/1900 MHZ

BATTERY

Type(1) 3.6V Lithium
 Thionyl Battery Pack

Made in USA

***Specifications subject to change without notice*



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