

# LifeBed™ Patient Vigilance System

*Inspiring improved outcomes, one patient at a time, the LifeBed patient vigilance system is designed to provide caregivers with an early warning of potential negative events before they occur. It is an affordable and cost-effective approach to improving patient safety on the medical/surgical floor.*

## LifeBed Features

24-hour continuous and invisible observations of a patient's Heart Rate and Respiration Rate is the backbone of patient vigilance

Alerts caregivers of unauthorized bed exit

Customized settings will alert according for your Rapid Response Team or individual patient parameters

Capable of trending and storing patient data

Extracts information invisibly with no direct patient contact – without patient compliance issues

Utilizes the revolutionary LifeBed coverlet that simply installs on any standard mattress, enabling every med/surg bed to provide patients with vigilance

Accurate measurements even through clothing, gowns, or sheets

LifeBed™ Display



LifeBed™ Coverlet  
(with hidden sensors)



## Specifications

### Adjustable Physiological Parameters

Heart Rate: from 35-200 beats per minute inclusive, with upper and lower alarm limits.

Respiration Rate: from 4-70 breaths per minute inclusive, with upper and lower alarm limits, NOT including apnea alarm capability.

### Physical (Display)

Height: 7.5 inches (190.5 mm)

Width: 9.25 inches (235.0 mm)

Depth: 4.125 inches (104.8 mm)

Weight: 5 lbs (2.3 kg)

Rear Mounting Holes: 75 mm VESA pattern of M4 metric screws

### Physical (Coverlet)

Coverlet available in multiple sizes for standard 80 and 84 inch foam mattresses

### Data/Connectivity (Display)

Coverlet sensor connector: External 26-pin Mini D-sub

UL1069-compliant nurse call relay closure connector: DB-15

RJ-45 Ethernet connector: For HL-7 protocol hospital CIS or PCL-5 compatible printer

Service/Troubleshooting port: DB9 connector

Grounding Lug: Equipotential connection point

### Data/Connectivity (Coverlet)

Coverlet sensor cable connector: External 26-pin quick release connector

### Power (Display Only)

Equipment Type: CLASS 1

Input Voltage: 100 - 240 V~, 50 - 60 Hz

Power Consumption: 25 watts

Fuses: two 250 V, 2.5 A, Fast Blow 5 mm x 20 mm, located in power entry module

Power Failure > 30 seconds will place the unit into the default standby mode where the operator is expected to press "Same Patient" or "New Patient"

### Environmental (Display and Coverlet)

Shipping: ASTM D4169-96 Distribution Cycle 13

Storage Environment: -20 to 65°C, 5-90% RH

Operating Environment: -10 to 40°C 20-80% RH

\*Nurse call system not included.

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The LifeBed display is easily accessible yet out of the way.



Continous trending of Heart Rate and Respiration Rate.



The LifeBed coverlet integrates easily with existing hospital beds.



Alerts caregivers through the existing nurse call system.\*