

LW-1000 Central Telemetry Receiver

General Specifications



Dimensions (W x H x D) (not including the protrusion)

8.1 x 2.9 x 11.2 inch \pm 0.2 inch
205 x 74 x 285 mm \pm 5 mm

Display

Display Element	Character LCD
Size	16 characters x 2 lines
Dot Size	0.55 x 0.65 mm
Backlight	Yellow-green
Characters	Alphabets, numbers, symbols only

Power Supply

Rated Voltage	115 V AC
Frequency	50/60 Hz
Power Consumption	40 VA

Weight (not including the optional accessories)

5.1 lb \pm 1.1 lb
2.3 kg \pm 0.5 kg

Telemetry Receiver

Number of Receiving Beds	8 Beds
Receiving Frequency	608 - 614 MHz
Bandwidth of the Receiving Section of the ME Equipment in those bands	12.5 kHz
Antenna Connector	F Type
DC Power Output	+12 V 100 mA (Default: OFF)

Receiver Setup

Switch Antenna	ANT-1, ANT-2, Diversity
Diversity Threshold	1 to 5

Arrhythmia Analysis (28)*

Asystole, VF, VT, Slow VT, Run, Couplet, PAUSE, Bigeminy, Trigeminy, Frequent, Tachy, Brady, Ext Tachy, Ext Brady, R on T, Multiform, Vent Rhythm, SVT, AFib, Irregular RR, Prolonged RR, Pacer Not Capture, Pacer Not Pacing, Triplet, S Frequent, S Couplet, VPC, SVPC

*Depends on the bedside monitor or telemetry device connected to the network

ECG*

HR Measurement Range	Adult/Child	0, 12 bpm to 300 bpm
	Neonate	0, 30 bpm to 300 bpm
HR Measurement Accuracy	± 3% or ± 5 bpm, whichever is greater	
Voltage Receiving Range	± 6.4 mV	

Respiration

Depends on the bedside monitor

Blood Pressure

Depends on the bedside monitor

Non-Invasive Blood Pressure

Depends on the bedside monitor

Temperature

Depends on the bedside monitor

Environmental Conditions

Operating Temperature	10°C to 40°C
Operating Humidity	30% to 85% (non-condensing)
Transport/Storage Temperature	-10°C to 60°C
Transport/Storage Humidity	10% to 95% (non-condensing)
Storage Atmospheric Pressure	80 kPa to 106 kPa

Safety

General Safety Standard	ANSI/AAMI ES 60601-1 : 2005/(R) and A1 : 2012, C1 : 2009/(r) 2012 and A2 : 2010/(r) 2012
EMC Standard	IEC 60601-1-2 : 2014
Protection Against Electrical Shock	Class I
Operation Mode	Continuous Operation

Mounting Options

Both IT rack or cabinet, as well as flat surface vertical mounting options possible

Accessories

- Power Supply Cable: CS-24 (3m)
- Mounting Brackets (x 2)
- Securing Screws (x 4)
- Rubber Supports (x 4)
- AC Cable Clamp
- Operation Manual

Input/Output Interface

DS-LAN Connector
 U-LINK Connector
 Antenna Connector 1, 2
 MENU Key
 UP Key
 DOWN Key
 ENTER Key

