Our Panorama system combines the power and flexibility of wireless communication in the protected WMTS band with the reliability of hardwired connectivity. Smart network design enables hospitals to use ambulatory telemetry, instrument telemetry and hardwired bedside monitors on a single integrated patient monitoring network.

The result is the Panorama WMTS Telemetry Network, a fully scalable, customizable, and expandable solution to meet your current and future monitoring needs.
**Ambulatory Telepack**

**Mechanical & Environmental**
- **Model:** Panorama Telepack-608
- **Form Factor:** Compact patient worn monitoring device
- **Dimensions (H x W x D):** 5.10" x 2.95" x 1.23" (13.0 x 7.5 x 3.1 cm)
- **Weight:** 6.5 oz (181.4 g)
- **Power Supply:** Battery operated
- **Power Output:** 1mW (ERP)
- **Frequency Range:** 608-614 MHz (transmit) WMTS channelized
- **Operating Temperature:** +41 to +104°F (+5 to +40°C)
- **Operating Humidity:** 15% to 90% RH non-condensing
- **Operating Altitude:** < 1,250 ft (-381 to 3,014 m) ASL
- **Shock and Vibrations:** IEC60068-2-27; IEC 60068-2-6

**Operation & Interface**
- **Controls:** Nurse Call, Attendant Present, Lead Select, System Check
- **LED Indicators:** Individual ECG lead status, battery status, link status
- **Battery Life:** 40 hours typical (using recommended batteries)
- **No. of Lead Wires:** 3 or 5 lead ECG Lead sets; individually replaceable lead wires
- **ECG Vectors:** I, II, III, aVR, aVL, aVF, V(n)
- **Active lead:** User selectable – Lead I or II
- **Arrhythmia/ST:** Yes/Optional

**Instrument Radio/Transceiver**

**Mechanical & Environmental**
- **Model:** Panorama Instrument Radio 608
- **Form Factor:** Internal circuit card with external antenna for Passport® and Spectrum® bedside monitors
- **Dimensions:** 5.5" (14.0 cm) long antenna
- **Weight:** 5.6 oz (158.8 g)
- **Power Supply:** Internally powered by monitor
- **Power Output:** 6mW (ERP)
- **Frequency Range:** 608-614 MHz (transmit) WMTS channelized
- **Operating Temperature:** +41 to +104°F (+5 to +40°C)
- **Operating Humidity:** 15% to 90% RH non-condensing
- **Operating Altitude:** < 1,250 ft (-381 to 3,014 m) ASL
- **Certifications:** FCC, CSA, CE

**Telemetry Antenna**

**Mechanical & Environmental**
- **Form Factor:** Indoor surface/ceiling mount antenna
- **Dimensions:** 5.5" long antenna x 7.6" diameter base (14.0 x 19.3 cm)
- **Weight:** 14.1 oz (399.7 g)
- **Power Supply:** Powered over coax by Panorama Wireless Transceiver
- **Frequency Range:** 608-614 MHz (receive) WMTS
- **Power Output:** 1395-1400 MHz & 1427-1429.5 MHz (transmit) WMTS
- **Certifications:** FCC, CSA, CE

**Telemetry Server**

**Mechanical & Environmental**
- **Model:** Panorama Telemetry Server 608
- **Form Factor:** EIA 19" rack mountable, 2U
- **Dimensions (H x W x D):** 3.5" x 17.0" x 28.0" (8.9 x 43.2 x 71.1 cm)
- **Weight:** 36.0 lbs. (16.3 Kg)
- **Power Supply:** 100-240 VAC, 50/60Hz, 1.4-0.6 Amps
- **Power Dissipation:** 193 W max
- **Operating Temperature:** +41 to +104°F (+5 to +40°C)
- **Operating Humidity:** 20% to 80% RH non-condensing
- **Operating Altitude:** -1,250 to 9,889 ft (-381 to 3,014 m) ASL
- **Certifications:** FCC, CSA, CE

**Operation & Interface**
- **Operating System:** Windows® based
- **Inputs:** 1 LVDS digital interface to Panorama Wireless Transceiver
- **Outputs:** 1 RJ-45 Ethernet to Panorama Patient Monitoring Network

**Wireless Transceiver**

**Mechanical & Environmental**
- **Model:** Panorama Wireless Transceiver
- **Form Factor:** EIA 19" rack mountable, 3U
- **Dimensions (H x W x D):** 5.25" x 17.0" x 16.2" (13.3 x 43.2 x 41.2 cm)
- **Weight:** 12.35 lbs. (5.6 Kg)
- **Power Supply:** 100-120 VAC, 60Hz, 1.25 Amps max
- **Power Dissipation:** 125 W max
- **Operating Temperature:** +41 to +104°F (+5 to +40°C)
- **Operating Humidity:** 20% to 80% RH non-condensing
- **Operating Altitude:** < 1,250 ft (-381 to 3,014 m) ASL
- **Certifications:** FCC, CSA, CE

**Operation & Interface**
- **Inputs:** 2 BNC, 75 ohm, to RF diversity antenna networks
- **Outputs:** 4 LVDS digital interfaces to Panorama Telemetry Server

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