Finally, a central station that makes the most of your time. Simplified menus and a touch screen user interface speed access to clinical information and provide the ease-of-use you expect. Bi-directional communication with our bedside monitors allows remote control of common bedside functions, including alarm settings. Optional 72 hours of full disclosure provides a detailed on-line record of a patient’s stay.
**Hardware Specifications**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Configuration:</strong></td>
<td>2U rack mount or vertical tower</td>
</tr>
</tbody>
</table>
| **Dimensions (H x W x D):**   | 2U rack mount: 3.5” x 19.3” x 28.0” (8.9 x 43.2 x 71.1 cm)  
Vertical tower: 17.0” x 7.5” x 17.5” (43.2 x 19.1 x 44.6 cm) |
| **Weight:**                   | 2U rack mount: 36.0 lbs (16.4 Kg)  
Vertical tower: 30.0 lbs (13.6 Kg) |
| **Power Supply:**             | 100–240 VAC, 50/60 Hz, 1.4-0.6 A |
| **Power Dissipation:**        | 193 W max. |
| **Operating Temperature:**    | +41 to +104°F (+5 to +40°C) |
| **Certifications:**           | FCC, CSA, CE |
| **O/S:**                      | Windows® XP Embedded |
| **CPU:**                      | 2.8GHz Pentium 4 (minimum) |
| **RAM:**                      | 1GB |
| **Hard Drives:**              | System: 80GB  
Data: 200GB |
| **Removable Storage:**        | CD-R/W drive |
| **Networking:**               | Dual 10/100 base T Ethernet ports  
(for Panorama Patient Network and Panorama Central Network) |
| **Serial Ports:**             | Four DB-9M, RS-232, 9600 baud  
(two touch screen interface, telepack programming, paging interface) |
| **Audio Output:**             | 1/8” phone jack |
| **Video Output:**             | Dual VGA display adaptors |
| **Capacity:**                 | Up to 16 patients per Central Station |

**Display**

- **Style:** 19” (diagonal) TFT LCD flat panel
- **Configuration:** Desktop or Wall mount (VESAT)
- **Dimensions (H x W x D):** 16.9” x 15.3” x 8.3” (42.9 x 39.0 x 21.2 cm)  
including base/stand
- **Weight:** 18.5 lbs (8.4 Kg)
- **Power Supply:** Display: 12 VDC, 4A  
External Power Supply: 100-240 VAC, 50/60 Hz, 1.0 A
- **Power Dissipation:** 48 W max.
- **Certifications:** UL, cUL, FCC, CE, VCCI, MPRII, C-TEC
- **Resolution:** SXGA 1280x1024 dpi, 24 bit color
- **Audio:** Built-in speakers, 2W/channel
- **Controls:** OSD Menu
- **Options:** Touch-screen (SAW) interface

**Software Specifications**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Waveforms:</strong></td>
<td>ECG, Pleth, Resp, IBP1-4, O2, CO2, N2O, Agent</td>
</tr>
</tbody>
</table>
| **Parameters:**               | HR, NIBP (sys/dia/mean), IBP 1-4 (sys/dia/mean), Temp1, Temp2,  
Inspired and ET for each: O2, CO2, N2O, Agent;  
SpO2, Resp, ST current, ST reference, PVC, Battery |
| **ECG vectors:**              | I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6 |
| **Trace speed:**              | 25 mm/sec |
| **Arrhythmia detection:**     | Asystole, Ventricular Tachycardia, Ventricular Fibrillation, Bradycardia,  
PVC/min, Ventricular Rhythm, Ventricular Run, Ventricular Bigeminy,  
Ventricular Trigeminy, Couplet, Irregular Heart Rate, Pause |
| **Alarms:**                   | Physiological, technical and system |
| **Alarm Criteria:**           | User defined levels (1, 2 or 3) and responses; high and low alarm limits  
for all parameters; visual and audible alarm announcement |
| **Full Disclosure:**          | Up to 72 hours of beat-by-beat storage for up to 23 waveforms |
| **Events:**                   | Up to 1000 events per patient of all waveforms, 20 second snapshots |
| **Trends:**                   | Up to 3000 graphic trends per patient of all monitored parameters |
| **Reports:**                  | All Strips, All Strips/All Patients, Patient Alarm, System Alarms, Full Disclosure,  
Full Disclosure Zoom-in, ST, 12 Lead ECG, List Trend, Graphic Trend, Event List,  
Event Zoom-in, Paging, Equipment List, Error Log |

**System Options**

- **Number of Patients:** 4 to 16 patients per Central Station
- **Number of Displays:** 1 or 2 displays per Central Station
- **Display Config:** 8 or 12 patients using single display;  
8 + 8 patients using dual displays
- **Full Disclosure:** 1, 24, 48, or 72 hours
- **Arrhythmia Detection:** Displays arrhythmia detected by patient monitoring device  
(be side monitor or telepack)
- **ST Analysis:** 3 or 5 vector ECG (current and reference)
- **12 Lead ECG Management:** 12 vector ECG (current and reference)
- **Paging Interface:** Serial TAP 1.8 ASCII protocol output for third party paging system interface

**Additional System Components**

- **ViewStation™:** Remote work station with view only capability
- **WorkStation™:** Remote work station with interactive capability
- **e-Gateway™:** HL7 EMR interface server
- **WebViewer™:** Web enabled remote access software