

# CNS-2101

RELIABLE CENTRAL MONITORING  
DESIGNED FOR INTEROPERABILITY



## SPACE EFFICIENT DESIGN

The CNS-2101 boasts an all-in-one design that significantly reduces the installation space required. A key benefit of this approach is the flexibility it offers in terms of placement. With the CNS-2101, you're not restricted to specific locations due to the presence of bulky under counter equipment. Instead, you can choose the most suitable location based upon your needs.

## USER FRIENDLY INTERFACE

Say hello to a new era of user interface! The CNS-2101 features a graphic user interface that aligns with our bedside monitor review style, enhancing usability and familiarity.

## DATA INTEGRATION

Accelerated data delivery to healthcare providers translates to swifter responsiveness to patients' requirements. Our streamlined data integration seamlessly incorporates information into electronic medical records, paging systems, remote viewing applications, and fosters genuine data collaboration among departments.

# CNS-2101 SPECIFICATIONS

## DISPLAY

<b>Display Size/Type</b>	All in one PC and 23.8" Touch Screen Display
<b>Resolution</b>	1920 x 1180
<b>Number of Patients</b>	Up to 16 patients per all in one solution with selectable 4, 6, 8, 10, 12 or 16 patient layouts
<b>Waveform Display Items</b> (depends on the connected monitor/transmitter)	ECG (up to 12 vectors), IBP (1-8), respiration wave, pulse (SpO <sub>2</sub> ), EEG (1-2), Flow/Paw, CO <sub>2</sub> , external input, anesthetic gas (O <sub>2</sub> , CO <sub>2</sub> , N <sub>2</sub> O, Agent)
<b>Number of Traces, All Beds Screen</b>	Up to 24 total per display, number per patient is based on number of patients displayed. <b>16 patients:</b> 2 traces each, <b>12 patients:</b> 3 traces each, <b>10 patients:</b> 4 traces each, <b>8 patients:</b> 5 traces each, <b>6 patients:</b> 8 traces each, <b>4 patients:</b> 12 traces each, <b>2 patients:</b> 16 traces each
<b>Number of Traces, Individual Bed Screen</b>	Up to 16
<b>Waveform Sweep Speed</b>	25 mm/s, 50 mm/s, 6.25 mm/s (respiration measurement)
<b>Alphanumeric Display Items</b> (depends on the connected monitor/transmitter)	Heart rate, pulse rate, VPC rate, respiration rate, ST level, IBP (systolic, diastolic, mean), SpO <sub>2</sub> , CO <sub>2</sub> , cardiac output, blood temperature, CCO, CCO<Tb>, CCI, NIBP (systolic, diastolic, mean), temperature, SvO <sub>2</sub> , PICCO, Flow/Paw, N <sub>2</sub> O, O <sub>2</sub> , Agent, BIS, tcPO <sub>2</sub> , tcPCO <sub>2</sub> , TV, MV, PEEP, others

## ALARMS

<b>Alarm Type</b>	Crisis, Warning, Advisory, Technical
<b>Alarm Items</b> (depends on the connected monitor/transmitter)	<b>Vital signs:</b> heart rate, pulse rate, respiration rate, Apnea, ST level, IBP (systolic, diastolic, and mean), NIBP (systolic, diastolic, and mean), temperature, Delta T, Tb, SpO <sub>2</sub> , SvO <sub>2</sub> , CCO, ventilator, anesthetic gas, BIS, EtCO <sub>2</sub> , FiCO <sub>2</sub> , EtO <sub>2</sub> , FiO <sub>2</sub> , N <sub>2</sub> O, O <sub>2</sub> , tcPO <sub>2</sub> , tcPCO <sub>2</sub> , MV, Ppeak, PEEP <b>Arrhythmia:</b> Asystole, V.Fib, Ext. Tachycardia, Ext. Bradycardia, V. Tachy, Tachycardia, Bradycardia, VPC Run, Couplet, Early VPC, Multiform, Bigeminy, Freq. VPC, Prolonged
<b>Alarm Display</b>	Alarm indicator with flashing bed frame, highlighted numerical display, and highlighted alarm message
<b>Alarm Recording</b>	Automatic
<b>Alarm Icon/Arrhythmia Icon</b>	Available when vital sign, technical alarm, or arrhythmia occurs

## DATA STORAGE

<b>Graphical Trend</b>	120 hours, all parameters
<b>Tabular Trends</b>	120 hours, all parameters, minute-by-minute
<b>Arrhythmia Recall</b>	1,500 events per bed with 8-second strip
<b>Full Disclosure</b>	120 hours, 16 traces per bed
<b>ST Level</b>	120 hours, minute-by-minute
<b>Hemodynamic List</b>	256 files per bed
<b>12-lead ECG Analysis Files</b>	200 files per bed
<b>Event History</b>	10,000 events per bed, includes arrhythmia events, limit alarms, technical alarms, system alarms, caliper measurements, and comments

## OVERVIEW

Displays user-selectable vital signs, up to 12 ECG waveforms, reviews, alarm events, and status messages associated with the selected overview bed. The overview bed can be any bed in the network that the CNS is not monitoring.

## USER INTERFACE

Touch screen, mouse, keyboard

## OPTIONAL THERMAL ARRAY RECORDER, WS-140P

<b>Recording Method</b>	Thermal array recording
<b>Number of Waveforms</b>	3
<b>Paper Speed</b>	25 mm/sec
<b>Type of Recording</b>	Manual, alarm, periodic, remote

## NETWORK LASER PRINTER

HP LaserJet M602DN or equivalent (Postscript printer)

<b>Number of Waveforms</b>	Up to 16
<b>Type of Recording</b>	Manual, periodic

## POWER REQUIREMENTS

<b>Line/Battery Voltage</b>	AC 100 to 240 V, 50 or 60 Hz
<b>Power Consumption</b>	180 VA or less

## ENVIRONMENT

<b>Operating Temperature</b>	10° to 40°C
<b>Storage Temperature</b>	-20° to 65°C
<b>Operating Humidity</b>	30 to 85% (noncondensing) RH
<b>Storage Humidity</b>	10 to 95% RH
<b>Operating Pressure</b>	800 to 1,060 hPa
<b>Storage Pressure</b>	700 to 1,600 hPa

## DIMENSIONS AND WEIGHT

<b>All-In-One Unit</b>	24.2" W x 15" H x 8.3" D, 28.7 lbs
<b>WS-140P Recorder</b>	3.2" W x 2.9" H x 6.7" D, 1.6 lbs

**CAUTION:** Federal (United States) Law restricts this device to sale by or on the order of a physician. See Operators Manual for full prescribing information, including indications for use, contraindications, warnings, precautions and adverse events.