

Datascope Panorama® CENTRAL STATION

Summary of Features and Benefits

- 16 patients per tower minimizes hardware requirements and reduces total cost of ownership
- LCD flat panel display, with touch-screen capability, reduces desktop clutter and improves ease-of-use
- Patient tile waveforms and alarms may be customized to specific clinical requirements
- Patient data can be easily transferred between care units providing a continuous history of patient events
- Bi-directional communication with our bedside monitors increases staff efficiency
- Bedside tracking feature reduces effort needed to manage patient alarms
- Patient discharge database allows for recovery of vital information in the event of a readmission
- Network printers allow you to print reports and strips on demand
- Multiple report options provide monitoring information in the format you need



2U rack mount
Central Station



Vertical tower
Central Station

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

Configuration:	2U rack mount or vertical tower
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 44.5 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" phono 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 (VESA)
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-TICK
Resolution:	SVGA 1280x1024 dpi, 24 bit color
Audio:	Built-in speakers, 2W/channel
Controls:	OSD Menu
Options:	Touch-screen (SAW) interface

Software Specifications

Waveforms:	ECG, Pleth, Resp, IBP1-4, O ₂ , CO ₂ , N ₂ O, Agent
Parameters:	HR, NIBP (sys/dia/mean), IBP 1-4 (sys/dia/mean), Temp1, Temp2, Inspired and ET for each: O ₂ , CO ₂ , N ₂ O, Agent; SpO ₂ , Resp, ST current, ST reference, PVC, Battery
ECG vectors:	I, II, III, aVR, aVL, aVF, V/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 annunciation
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 (bedside 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