

Infinity® CentralStation

Having fast access to vital patient data from anywhere in the hospital can enhance patient care management and clinical workflow – enabling rapid assessment, decision support and clinical reporting.



The Infinity® CentralStation displays real-time waveforms, parameters, and alarm status of Infinity bedside monitors, Infinity M300 patient-worn monitors and Infinity Telemetry for up to 16 patients on a single screen or up to 32 patients using two screens. Accessible data includes alarm events, stored waveforms, trends, ST points, and caliper measurements, as well as laboratory values and respiratory and ventilator information. By adding the Infinity CentralStation to the Infinity wireless or wired network, you can access detailed information about patients on the Infinity Network.



FEATURES

- Touchscreen, plus keyboard and mouse navigation
- Electronic "white board" for entering notes using standard text entry
- Clinical screens to support advanced analysis including ST, VentCentral® ventilation management, trends and calipers
- 2-hour Full and Event Disclosure storage standard
- Up to 72-hours of Full Disclosure waveforms including EEG
- Up to 16 waveforms and 1,000 arrhythmia or alarm events stored per patient
- HL7 interface for patient admission and labor t monitor or central station
- Sophisticated server includes quiet fan operation, integrated and external speakers, and RAID option
- Ability to view up to 600 patients across the Infinity Network
- Intranet access to view information conveniently where you need it
- Ability to export ECG data to Holter systems and Infinity MegaCare® for long-term storage

Infinity CentralStation

Powerful system for critical care and step-down environments that puts information at your fingertips.

TECHNICAL DATA

Display Specifications

Display size	432 mm (17 in) to 533 mm (21 in)
	CRT or TFT
Resolution	1280 x 1024 pixels (native resolution)

User Controls

Input device controls	PS/2 compatible keyboard and PS/2 compatible optical mouse are provided in country specific kit. Optional Dräger supplied touchscreens available
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CENTRAL PROCESSING UNIT (CPU)

Processor	Intel® Xeon™ Processor 3.20 GHz
Storage	1 GB RAM, USB, DVD/CDRW, 2 x 73 GB hard drives
Disk array	SCSI RAID 1 (optional) in locked drive bay
Software updates	CD-ROM
Connections	2 asynchronous RS-232 ports, 4 USB ports (2 front, 2 rear), 2 GB LAN connections
Network connectivity	Infinity Network; Infinity TruST® Telemetry network
Video output	Dual head PCI 32M graphics board, 1280 x 1024 @ 75 Hz
Audio output	Internal speaker standard. Dräger Medical supplied external speakers also required
Alarm grades	Advisory, Serious, Life-threatening; audible and visual indications
Patients per CPU	32 patients using two displays 16 patients using one display

Physical Specifications

Size (H x W x D)	427 x 218 x 508 mm (16.8 x 8.6 x 20 in)
Weight	12.7 kg (28 lbs)
Chassis color	White

Electrical Specifications

Power consumption	115V/230V 4.0A/2.0A
BTU output	Up to 460W

Environmental Specifications

Cooling	Passive heatsink moved across 1-120 mm fan. SCSI drive array and power supply cooled by dedicated 80 mm fans.
Temperature range	Operating: 0°C to 45°C (32°F to 113°F) Non-operating: -20°C to 50°C (-4°F to 122°F)
Altitude	Operating: 3500 m (11,000 ft) Non-operating: 10600 m (35,000 ft)
Acoustic noise	<46 dBA

Standards/Compliances

FCC Class B CISPR II UL 60950-1 and EN60601-1-2 EMC for medical equipment. UL/CSA/CE Certification as required per Original Equipment Manufacturers (OEM). Infinity CentralStation is CE marked in accordance with the requirements of the 93/42/EEC Medical Device Directive.

TOUCHSCREEN DISPLAY

Type	483 mm (19") TFT active matrix LCD, anti-glare, hard-coated
Digital input	Standard DVI connector
Active display area (H x W)	301 x 376 mm (11.9 x 14.8 in)

Native resolution	1290 x 1024 (1600 x 1200 maximum resolution)
Response time	20 ms
Viewing angle	85° to 85°
Display color	16.7M (8 bits)
Base stand	Tilt, swivel, height and pivot

Physical Specifications

Size (H x W x D)	467 x 432 x 251 mm (18.3 x 17 x 9.8 in)
Weight	9.7 kg (21.3 lbs)
VESA mount	100 x 100 mm (3.9 x 3.9 in)
Chassis color	White

Electrical Specifications

Power consumption	<60W
Power input	100 – 250 Vac, 1.4A – 0.7A, 60/50 Hz, universal
Output of external power adapter	12Vdc, 5A

Environmental Specifications

Temperature range	Operating: 10°C to 40°C (50°F to 104°F) Non-operating: -20°C to 60°C (-4°F to 140°F)
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Standards

Compliance	FCC, CE, CUL, TUV/GS, VCC, TCO
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UNINTERRUPTIBLE POWER SUPPLY (620VA, 120V, 220V)

Connections	Infinity CentralStation, Infinity TruST Telemetry Receiver
Acoustic noise	<45 dB @ 1 m (3 ft)

Physical Specifications

Size (H x W x D)	168 x 119 x 368 mm (6.61 x 4.68 x 14.48 in)
Weight	12.27 kg (27.05 lbs)

Electrical Specifications

Waveform type	Stepped approximation to a sine wave
Input voltage	115, 220, 230, 240 VAC ±20% (nominal, user selectable)
Input frequency (Hz)	50 to 60 Hz ±3% (auto sensing)
Surge energy rating	320 joules
Battery recharge	5.50 hours
Back-up time	15.7/5.5 minutes (half/full loaded)
Internal batteries	Maintenance free lead-acid battery with suspended electrolyte - leakproof
Indicators	LED for replace battery, overload, on battery

Environmental

Temperature range	Operating: 0°C to 40°C (32°F to 104°F) Non-operating: -15°C to 45°C (5°F to 113°F)
Altitude	Operating and non-operating: 3000 m (10,000 ft)

Standards

Compliance	CE, GOST, VCCI, VDE
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CONTINUING TECHNICAL DATA**UNINTERRUPTIBLE POWER SUPPLY (750VA JAPAN)**

Connections	Infinity CentralStation, Infinity TruST Telemetry Receiver
Acoustic noise	<55 dB

Physical Specifications

Size (H x W x D)	157 x 137 x 358 mm (6.18 x 5.39 x 14.09 in)
Weight	13.18 kg (29.05 lbs)

Electrical Specifications

Waveform type	Sine wave
Input voltage	160 – 285 V
Input frequency (Hz)	50 to 60 Hz \pm 3% (auto sensing)
Surge energy rating	340 joules
Battery recharge	3 hours
Back-up time	16.4/4.8 minutes (half/full loaded)
Internal batteries	Maintenance free lead-acid battery with suspended electrolyte - leakproof
Indicators	LED for replace battery, overload, on battery

Environmental

Temperature range	Operating: 0°C to 40°C (32°F to 104°F) Non-operating: -15°C to 45°C (5°F to 113°F)
Altitude	Operating and non-operating: 3000 m (10,000 ft)

Standards

Compliance	C-tick, CE, EN50091
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HEADQUARTERS

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The quality management system at
Dräger Medical Systems, Inc. is
certified according to ISO 13485,
ISO 9001 and Annex II.3 of Directive
93/42/EEC (Medical devices).