

Infinity[®] CentralStation

The Infinity[®] CentralStation gathers and displays information from Infinity bedside monitors and Infinity patient-worn monitors for central monitoring of up to 32 patients. Data accessible from the Infinity CentralStation includes real-time waveforms and parameters, alarm events, stored waveforms, trends, ST points, caliper measurements, as well as laboratory values and respiratory and ventilator information.

Features

- Supports both bedside and telemetry monitors
- Provides access to alarms, real-time waveforms and parameters, respiratory and ventilation information and lab values
- Provides storage for up to 16 waveforms and 1,000 arrhythmia or alarm events
- Includes standard 2-hour Full and Event Disclosure
- Offers touchscreen, keyboard and mouse navigation

Display Specifications

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

User Controls

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| Input device controls | PS/2 compatible keyboard and PS/2 compatible optical mouse are provided in country specific kit. Optional Dräger Medical supplied touchscreens available |
|-----------------------|---|



Central Processing Unit (CPU)

| | |
|----------------------|---|
| Processor | Intel® Xeon™ Processor 3.20 GHz |
| Storage | 1 GB RAM, 1.44 MB 3.5 in USB, DVD/CDRW, 2 x 73 GB hard drives |
| Disk array | SCSI RAID 1 (optional) in locked drive bay |
| Software updates | CD-ROM |
| Connections | 1 IEEE 1284 parallel port, 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 |

Electrical Specifications

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

Environmental Specifications

| | |
|--------------------------|--|
| Cooling | Passive heatsink moved across 1-120 mm fan. SCA drive array and power supply cooled by dedicated 80 mm fans. |
| Operating temperature | 0°C to 45°C (32°F to 113°F) |
| Non-operating conditions | -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 | <53 dBA |

Physical Specifications

| | |
|------------------|--|
| Size (H x W x D) | 426.7 x 218.4 x 508.0 mm (16.8 x 8.6 x 20 in) |
| Weight | 22.5 kg (50 lbs) |
| Chassis color | Black |

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

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|---------------------|---|
| Type | 482.6 mm (19") TFT active matrix LCD, anti-glare, hard-coated |
| Digital input | Standard DVI connector |
| Active display area | 376 x 301 mm |
| 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 |

Electrical Specifications

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|-------------------|---|
| Power consumption | < 60W |
| Power input | 100–250 Vac, 1.4A–0.7A, 60/50 Hz, universal |
| Power output | 12Vdc, 5A |

Environmental Specifications

| | |
|---------------------------|-------------------------------|
| Operating temperature | 10°C to 40°C (50°F to 104°F) |
| Non-operating temperature | -20°C to 60°C (-4°F to 140°F) |

Physical Specifications

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|------------------|---|
| 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 | Grey |

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| Standards/Compliance | FCC, CE, CUL, TUV/GS, VCC, TCO |
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Uninterruptible Power Supply (420VA, 120V, 220V)

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|--------------|--|
| Connections | Infinity CentralStation, Infinity TruST Telemetry Receiver |
| Audio output | < 45 dB @ 1 m (3 ft) |

Physical Specifications

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|------------------|--|
| Size (H x W x D) | 165 x 114 x 368 mm (6.6 x 5 x 17.5 in) |
| Weight | 11.3 kg (31 lbs) |

Electrical Specifications

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|---------------------------|---|
| Inverter waveform | Low distortion sine wave |
| Input voltage | 115, 220, 230, 240 VAC \pm 20% (nominal, user selectable) |
| Input frequency (Hz) | 50 to 60 Hz \pm 5% |
| Noise rejection isolation | With unit under power and an ANSI/IEEE C62.41 Cat. A pulse applied either normal or common mode at the input, the noise output voltage will be <10V normal mode and <0.5V common mode in all 4 quadrants (CM-NM, NM-NM, CM-CM, NM-CM) |
| Surge voltage | Tested under power to ANSI/IEEE C62.41 Cat. A & B (formerly IEEE 587-1980). Cat A 6000V @ 200 amps. 0.5 μ sec risetime, 100 kHz decay, Cat. B 6000V @ 500 amps, 0.5 μ sec risetime, 100 kHz decay. |
| Battery | 4 hours |
| Back-up time | 6 to 20 minutes (half/full loaded) |
| Internal batteries | Two (2) 12 volt user hot-swap batteries |
| Indicators | LED for Load level, voltage manager boost, voltage manager nominal, voltage manager buck, on battery, replace battery, overload |

Environmental

| | |
|---------------------------|---|
| Operation temperature | 0°C to 40°C (32°F to 104°F) |
| Non-operating temperature | -20°C to 60°C (-4°F to 140°F) |
| Altitude | Operating and non-operating: 3000 m (10,000 ft) |
| Wall mount | Yes |

Standards

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|------------|-----------------------|
| Compliance | UL1778, cUL1778, RoHS |
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Laser Printer

Black and white 1200 x 1200 dpi laser printers, 115V/220V sold separately.
Contact Dräger Medical to obtain list of supported laser printers.

Strip Recording

Infinity R50N network strip recorder provides two-channel strip recordings of automatically captured arrhythmia or alarm events, or manually initiated recordings.

Ordering Information

Infinity CentralStation

MS18500

For product configuration and part numbers, please refer to Infinity Monitoring and IT Solutions Product and Accessories catalog, or contact your local Dräger Medical representative.

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