

Infinity[®] CentralStation Wide Surveillance patient

Pour fournir des soins de qualité, vous avez besoin de surveiller de manière constante les informations vitales de votre patient et d'être alerté de tout changement de son état. Grâce à Infinity CentralStation Wide, vous restez connecté en permanence à votre patient, favorisant ainsi une évaluation rapide, l'aide à la décision et la création de rapports cliniques.

Displays real-time waveforms, parameters and alarm status of Infinity bedside and patient-worn monitors

Simultaneously monitors up to 64 bedside monitors (32 on Main Screen and 32 in Surveillance Mode)



User interface is harmonized with Dräger's latest generation of ventilators, anesthesia machines and Infinity Acute Care System patient monitors

Single or dual 22-inch (561 mm) widescreen displays with optional touch interface, keyboard and mouse

Advantages

Event and Full Disclosure

The Infinity CentralStation Wide includes two hours of event and full disclosure as a standard feature. For more complex monitoring needs, you can store up to 120 hours of event and full disclosure with continuous storage for up to 16 waveforms, and 1,000 arrhythmia or alarm events per patient. To make analysis easier, electronic ECG calipers are included as part of the toolset. All events are classified and grouped by event type, making it easier to review and assess a patient's response to treatment. Arrhythmia events are detected with an unprecedented degree of accuracy using the multi-lead Arrhythmia Classification Expert (ACE®) algorithm.

ST Segment Analysis and 12-Lead Rest ECG Analysis

For timely identification and treatment of ischemia, the Infinity CentralStation continuously monitors ST changes based on individual patient needs. You can superimpose stored reference QRS complexes over current complexes to detect subtle deviations.

Patient Census

The Infinity CentralStation offers a seamless view of full and event disclosure records as patients are transferred from one care unit to another within the Infinity Network. This powerful feature organizes retrospective information into a comprehensive patient history, making it easy for you to quickly access full and event disclosure and trend data - even if the patient moves to a different department. The complete patient record is available where and when you need it, providing you with up-to-date clinical information.

VentCentral®

The VentCentral application gathers ventilation and hemodynamic data for improved patient respiratory analysis. It provides ventilator settings, respiratory waveforms and parameters, flow-volume and pressure-volume loops, laboratory data, and trends.

12-Lead Rest ECG Analysis

The Infinity CentralStation Wide generates diagnostic 12-lead reports when connected to Infinity monitors equipped with a 12-lead capability. Reliable measurements and interpretations are based on the Glasgow Interpretive ECG algorithm for pediatric and adult patients. This proven algorithm considers patient age, gender, race, and medical and clinical classification - providing a more accurate interpretation to support clinical decision making.

Full Disclosure ECG Export

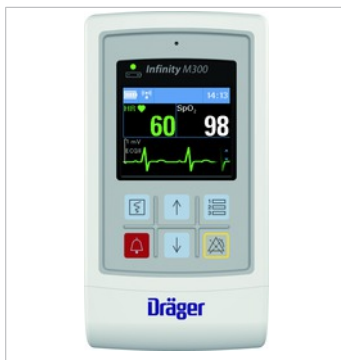
The Infinity CentralStation Wide supports export of non-diagnostic ECG waveforms (up to 24 hours, up to 12 leads) to third party systems

Avantages

Trend Display

The Infinity CentralStation Wide locally stores up to 120 hours of trends. Local trend storage allows you to review trends even after the patient has been discharged from the patient monitor. To help you quickly determine changes in a patient's condition, Infinity CentralStation Wide presents graphical and tabular trends. Features such as automatic scaling help you identify slight variations that may occur, providing insights into a patient's condition and its progression over time. This can lead to earlier intervention based on clinical interpretation, which may improve outcomes.

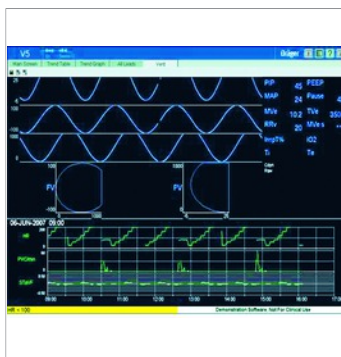
Produits associés



D-19731-2009

Infinity® M300

En utilisant le réseau Wi-Fi® existant de l'hôpital, le moniteur patient portable novateur Infinity® M300 offre la performance d'un moniteur patient complet, intégré dans un dispositif de télémétrie portable pour patients adultes et pédiatriques. LACE® (Arrhythmia Classification Expert) intégré et les algorithmes de détection de stimulateur cardiaque améliorent le traitement de l'ECG et aident à réduire les fausses alarmes.

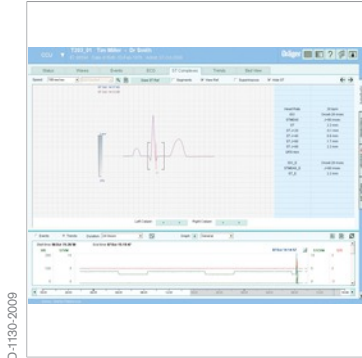


D-1195-2009

Infinity® Gateway Suite

Infinity Gateway Suite logicielle ouverte basée sur les standards qui permet une communication fluide entre le réseau Infinity Network et les solutions et infrastructures informatiques existantes.

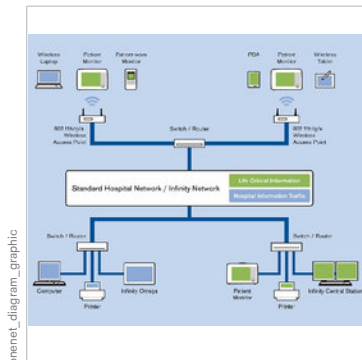
Produits associés



D-1130-2009

Infinity® Symphony Suite

Vous pouvez désormais vous éloigner de vos patients sans perdre le contact avec leurs informations vitales. Avec la suite Infinity® Symphony, vous accédez à distance aux informations enregistrées sur l'Infinity CentralStation sous forme d'enregistrement continu, d'enregistrement d'événements et de données de tendance.



onenet_diagram_graphic

Infinity® OneNet

Transférer les données patients vitales sur votre réseau existant.

Caractéristiques techniques

CENTRAL PROCESSING UNIT (CPU)

Processor	Intel®
Storage	1 GB RAM, DVD-RW/CD-RW 2 × 500 GB hard drives (standard) up to 2 additional hard drives (optional for RAID setup)
Disk array	SAS RAID 1 (optional for operating system and/or database in locked drive bay)
Software updates	DVD
Connections	1 asynchronous RS-232 serial port, 5 USB 2.0 ports (2 front, 3 rear), 2 GB LAN connections
Network connectivity	Infinity® Network
Video output	2-DVI or 2-VGA, 1680 × 1050 @ 60 Hz
Audio output	External and internal (backup) speakers standard
Alarm grades	Low, Medium, High; audible and visual indications
Alarm pattern	Infinity®, IEC fast (default), IEC slow
Patients per CPU	32 patients using two displays 16 patients using one display Up to 32 additional patients in Surveillance (background) mode – excluding Infinity M300

Physical Specifications

Size (H × W × D)	435 × 220 × 520 mm (17.1 × 8.6 × 20.4 in)
Weight	12.7 kg (28 lbs)

Electrical Specifications

Power consumption	115 / 230 V 4.0/2.0 A
BTU output	1600 BTU/hr

Environmental Specifications

Cooling	Processor cooled by 60 mm fan/heatsink. SAS drive array cooled by dedicated 92 mm fan. Power supply cooled by dedicated 80 mm fan.
Temperature range	Operating: 5 °C to 40 °C (41 °F to 104 °F) Storage: -20 °C to 60 °C (-4 °F to 140 °F)
Altitude (Atmospheric Pressure)	Operating: 700 – 1100 hPa Storage: 500 – 1100 hPa
Humidity (non-condensing)	Operating RH: 10 % to 95 % Storage RH: 10 % to 95 %
Acoustic noise	< 46 dBA at 1 meter

User Controls

Input	Device controls, USB-compatible keyboard, and USB-compatible optical mouse are provided in country specific kit. Optional Dräger-supplied touch screens available
-------	--

Standards/Compliances

FCC Class B CISPR II, UL 60950-1, IEC/EN 60950-1, CAN/CSA C22.2 No. 60950-1-03, and IEC60601-1-2 EMC for medical equipment. UL/CSA/CE
Certification as required per Original Equipment Manufacturers (OEM). Infinity® CentralStation Wide is CE marked in accordance with the requirements of the 93/42/EEC Medical Device Directive.

Caractéristiques techniques

DISPLAYS

Type	TFT active matrix LCD, hard-coated
Display size	22 inch (558.8 mm) widescreen/will support 20 inch (508 mm) display procured locally
Digital input	15 pin D-Sub, VGA DVI-D
Active display area (H × W)	473.76 mm, 296.10 mm
Touch screen (optional)	Resistive Touch technology, USB controller
Native resolution	1680 × 1050
Viewing angle	89 (left), 89 (right), 89 (up), 89 (down) CR = 10

Physical Specifications

Size (H × W × D)	385 × 513 × 180 mm (15.2 × 20.2 × 7.1 in)
Weight	5.7 kg (12.6 lbs)
VESA mount	100 × 100 mm (3.9 × 3.9 in)

Electrical Specifications

Power consumption	< 50 W
Power input	100 – 250 Vac, 1.4 – 0.7 A, 60/50 Hz, universal

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)
-------------------	---

Standards

Compliance	FCC (Class B), CE (Class B), UL (CUS) (UL60950-1 / CSA C22.2), CCC, GOST-R
------------	--

OPTIONAL UNINTERRUPTIBLE POWER SUPPLY (620VA, 120V, 220V)

Uninterruptible power supply (optional, however recommended for continuous operation during brief loses of power, and to protect system from power line disturbances)

Output connections	120 V: (4) NEMA 5 – 15 R 230 V: (1) IEC 320 C13 (3) IEC 320 C13 (2) IEC Jumpers
--------------------	--

Physical Specifications

Size (H × W × D)	168 × 119 × 368 mm (6.6 × 4.7 × 14.5 in)
Weight	12.3 kg (27 lbs)

Electrical Specifications

Waveform type	Stepped approximation to a sine wave
Input voltage	120 V: Nominal Input Voltage: 120 V Input voltage range for main operations: 82 – 144 V 230 V: Nominal Input Voltage: 230 V Input voltage range for main operations: 195 – 265 V
Input frequency (Hz)	50 to 60 Hz ± 3 % (auto sensing)
Surge energy rating	120 V: 412 joules 230 V: 320 joules
Battery recharge	5.5 hours, typical
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)
-------------------	--

Caractéristiques techniques

Altitude	Non-operating: -15 °C to 45 °C (5 °F to 113 °F) Operating and non-operating: 3000 m (10000 ft)
Standards	
Compliance	120 V: CSA, FCC Part 15 Class A, UL 1778 230 V: CE, GOST, VCCI, VDE
Infinity® is a trademark of Dräger.	
Intel is a registered trademark of Intel Corporation in the U.S. and/or other countries.	

Notes

SIÈGE

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Allemagne
www.draeger.com

Fabricant :

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Allemagne

BELGIQUE

Dräger Belgium N.V.
Heide 10
1780 Wemmel
Tel +32 2 462 62 11
Fax +32 2 462 52 40
mtbe.info@draeger.com

CANADA

Draeger Medical Canada Inc.
2425 Skymark Avenue, Unit 1
Mississauga, Ontario, L4W 4Y6
Tel +1 905 212 6600
Toll-free +1 866 343 2273
Fax +1 905 212 6601
Canada.support@draeger.com

FRANCE

Dräger Médical S.A.S.
Parc de Haute Technologie
d'Antony 2
25, rue Georges Besse
92182 Antony Cedex
Tel +33 1 46 11 56 00
Fax +33 1 40 96 97 20
d1mfr-contact@draeger.com

RÉGION MOYEN-ORIENT, AFRIQUE

Drägerwerk AG & Co. KGaA
Branch Office, P.O. Box 505108
Dubai, Emirats Arabes Unis
Tel +971 4 4294 600
Fax +971 4 4294 699
contactuae@draeger.com

SUISSE

Dräger Schweiz AG
Waldeggstrasse 30
3097 Liebefeld
Tel +41 58 748 74 74
Fax +41 58 748 74 01
info.ch@draeger.com

Trouvez votre représentant
commercial régional sur :
www.draeger.com/contact



Destination : Professionnels de Santé / Classe du dispositif médical : IIb
Organisme notifié : TÜV SÜD Product Service GmbH
Information pour le bon usage du dispositif médical : Merci de prendre impérativement connaissance des
instructions disponibles dans la notice d'utilisation du produit.