

Vista 120 Central Monitoring System

Today, hospitals seek to improve their quality of care and work as efficiently as possible. The easy-to-use Vista 120 Central Monitoring System lets you centrally monitor the vital signs of up to 64 patients connected to Vista 120 bedside monitors. This central surveillance streamlines workflow for clinicians, while significantly increasing patient safety.



D-64647-2012

FEATURES

- Easy to use: most functions can be done in just three steps, giving clinicians more time for direct patient care
 - Supports up to 64 patients: simultaneously displays monitored information from a maximum of 64 networked bedside patient monitors on two screens
 - Bidirectional control: allows clinicians to configure and display alarm settings at the central station for each bedside monitor, eliminating the need to walk to each bedside monitor to change alarm settings
 - Network security: because the central station runs on a dedicated network, it does not communicate with the external network, which helps ensure the security of patient data
 - Flexible report exporting: patient monitoring reports can be sent to networked printers or saved as PDF documents for review
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INTUITIVE INTERFACE MAKES SYSTEM EASY TO USE

The Vista 120 Central Monitoring System enables clinicians to simultaneously monitor up to 32 patients on a single display and up to 64 patients using two displays. The high performance LCD widescreen display is available in two sizes: 19" (48.26 cm) and 22" (55.88 cm).

The central station is designed for clinical use by nurses, biomedical engineers and doctors. Because the interface is very user-friendly and easy to operate, minimal technical training is required.

HIGH RELIABILITY, HIGH NETWORK SECURITY

The Vista 120 Central Monitoring System runs on a very robust and reliable hardware platform from Kontron®, a world leader in embedded computing systems.

Because the central station is built on a dedicated network, it does not communicate with external networks. As a result, network security for the central station – and ultimately for patients – is ensured.



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Vista 120 Central Monitoring System
Increases efficiency by providing central surveillance of your monitored patients

High performance LCD
widescreen display in two sizes:
19" or 22" diagonal

Connects up to 32 patients on a single
display, up to 64 on two displays

Three levels of audible and visual alarms

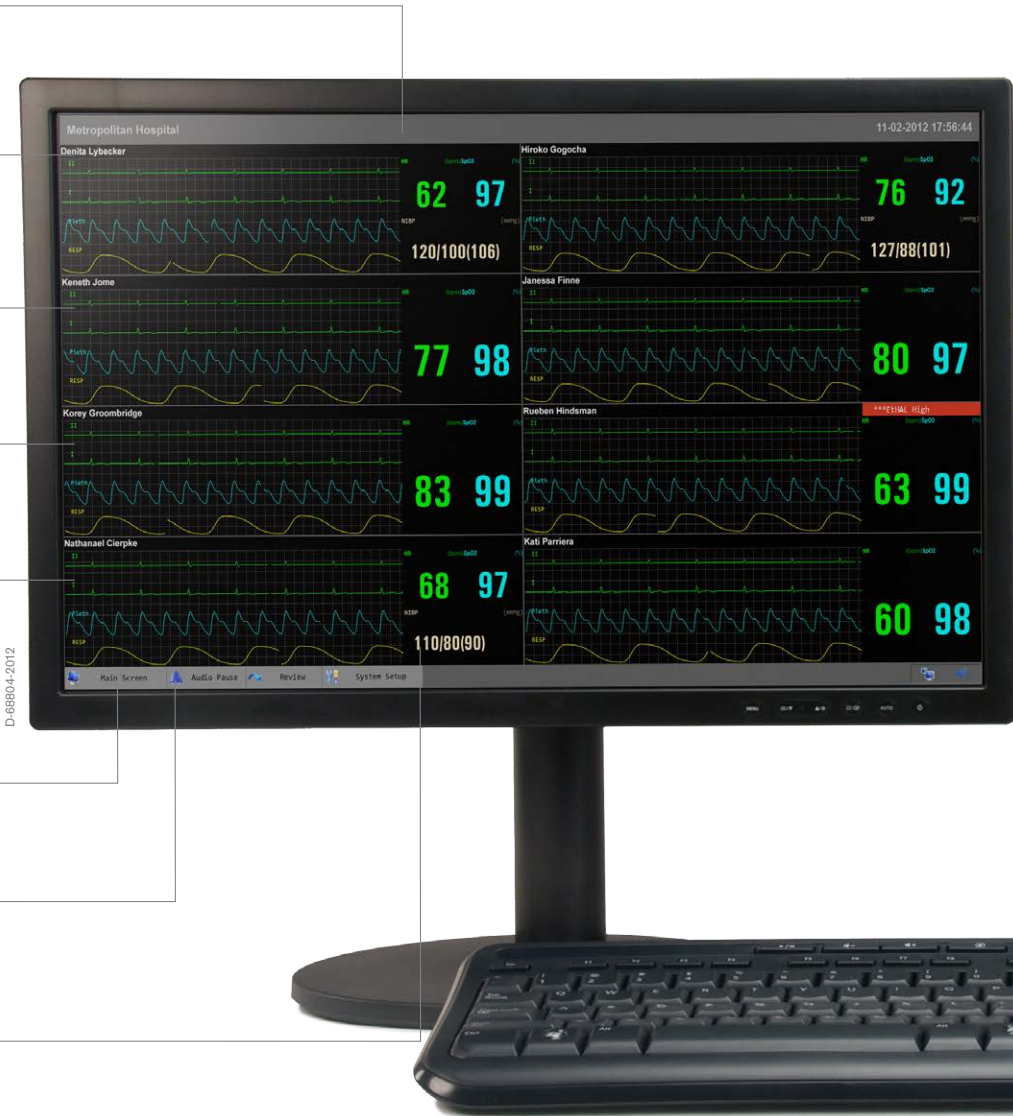
72-hour full disclosure waveform review
and storage

Internal hardware generates alarm
if operating system failure is detected

Power off data storage function

Bidirectional alarm configuration

Ability to set and initiate NIBP measurements



**BIDIRECTIONAL CONTROL
FOR EASY ALARM CONFIGURATION**

The Vista 120 Central Monitoring System generates both audio and visual alarms from bedside monitors, supporting rapid response and assessment of a patient event from a central location.

You can configure alarm settings at the central station for each bedside monitor. Each different alarm configuration can be displayed at the central station. You can also initiate and configure NBP measurements from the central station.

FLEXIBLE REPORT EXPORTING

The Vista 120 Central Monitoring System enables you to print reports of patient monitoring information by exporting monitoring reports to a networked printer, or save the report as a PDF document.



240 hours of graphical and tabular trends

720 alarm events per patient

12-hour short trend per patient

Exports patient monitoring reports to network printers or into PDF documents

Drug calculation and titration table

Comprehensive system help information

Easy point-and-click interface

TECHNICAL DATA

Performance

Physiological waveforms displayed	2 channels of ECG waveforms 1 channel of RESP waveform 1 channel of PLETH waveform 2 channels of IBP waveforms 1 channel of CO ₂ waveform 4 channels of AG waveforms for CO ₂ , O ₂ , N ₂ O and AA
Physiological parameters displayed	HR, RESP, ST SpO ₂ and PR SYS, MAP and DIA of NBP SYS, MAP and DIA of IBP Two temperatures and 1 delta temperature etCO ₂ , ftCO ₂ and AWRR of CO ₂ etCO ₂ /FiCO ₂ , etN ₂ O/FiN ₂ O, etO ₂ /FiO ₂ , etAA/FiAA, AWRR, MAC of AG C.O., T.B.
Trend time	240-hour trend display for each bedside monitor 12-hour short trend display for each bedside monitor
Event disclosure	720 alarm strips including parameters and ST alarm
Alarms	Parameter alarm ST alarm Arrhythmia alarm Vital alarm
Technical alarm	3 levels of audible and visual alarms
Full disclosure waveform storage	72-hour full disclosure waveform storage/review

Hardware specifications

CPU	Intel® Core™ i3-2120 processor with active cooler
Chassis	Kontron® KISS 4U V2 chassis
Motherboard	Kontron® KTQ67/FLEX motherboard
Display	Power supply input socket 1 serial port 1 parallel port 2 USB ports 1 RJ-45 networking interface 1 keyboard interface 1 PS/2 mouse interface Sound output interface Microphone input interface

Network performance

Structure	Ethernet 802.3
Transmission speed	10M, 100M
Transmission content	Waveforms, parameters and alarms of all networked bedside monitors
Number of networked monitors	A maximum of 64 bedside monitors

ORDERING INFORMATION

Vista 120 Central Monitoring System	MS29833
Vista 120 instructions for use, English	2680051

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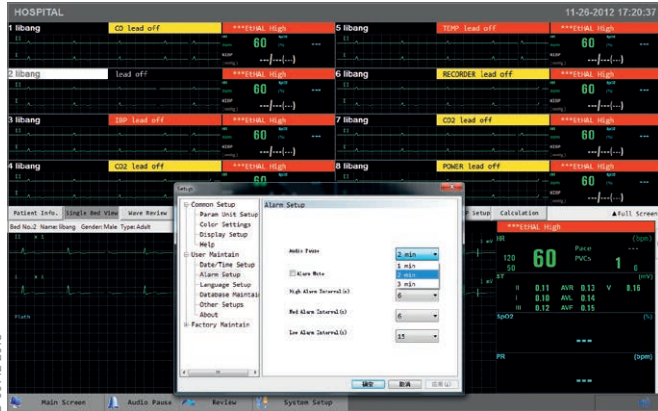
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Full disclosure: allows you to easily access and configure all full disclosure waveforms, as well as document output in PDF format



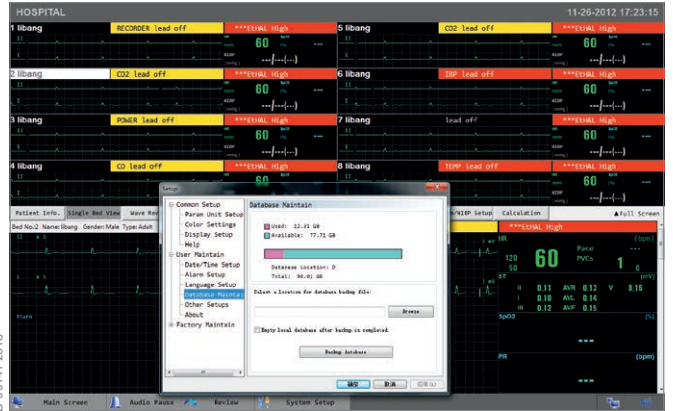
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Single Bed View: provides access to all waveforms and parameters for any monitored patient



D-99142-2013

Alarm setup: lets you centrally configure all alarm settings and synchronise new bedside configurations



D-99141-2013

Database backup: exports patient data to external storage, saving space on the hard drive for new patients

Market availability

The Vista 120 Central Monitoring System is available in selected markets only.

For availability in your area, please contact the appropriate Dräger office from those listed below.

CORPORATE HEADQUARTERS

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As of August 2015:

Dräger Medical GmbH changes to
Drägerwerk AG & Co. KGaA.

Locate your Regional Sales
Representative at:
www.draeger.com/contact



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