



smartsigns®

15" Patient Monitor

SC1500 SERIES

HUNTLEIGH
A MEMBER OF THE ARJO FAMILY



Enhancing your clinical decision making

The demands and dynamics associated with patient wellbeing revolves around being able to make the right decision at the right time, the Smartsigns Compact series of patient monitors rises to these challenges whatever the environment.

Flexible options for critical settings

The Smartsigns Compact 1500 series has been developed to provide caregivers with accurate, dependable measurements in a variety of different formats.

Each of the flexible monitoring options delivers features aimed at simplifying departmental workflow and efficiency, so, whether you are monitoring adult, paediatric or new-born patients, you can be assured that you are delivering the highest level of care possible for each of your patients.

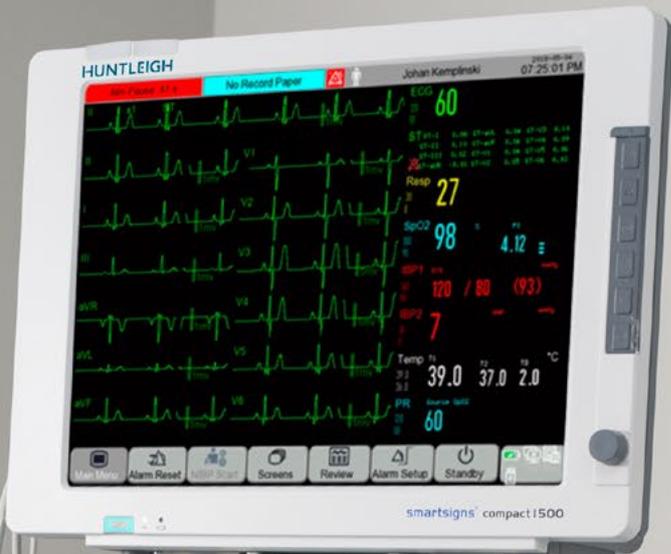
Each compact monitor combines a very simple, easy to use operating interface with a wide range of clinical options all of which can be tailored to suit the demands of your immediate environment.

The screen layout is central to your decision making process, with its integrated touch screen control and smart key functionality, the layout has been developed for fast intuitive operation which means that you allocate more time addressing the needs of your patients rather than referring to operating manuals and tutorials searching for the necessary guidance.

Upgradeability

Each base configuration can be upgraded to match your care settings, options include:

- 12 lead ECG
- Nellcor OxiMax™ SpO₂
- Invasive blood pressure (P1, P2)
- Invasive blood pressure (P3, P4 via the expansion module)
- EtCO₂ side stream or main stream
- Integrated recorder





Department wide standard

The demands created by different acuity settings presents healthcare professionals with constant challenges to their resourcing and equipment availability.

To stay ahead of these pressures, you can choose from a wide range of standardised monitoring options, for example, for each of your low acuity settings you may decide to configure and adopt a basic set of measurements, similarly, for the medium and high acuity settings you may decide upon the use of intermediate and or advanced set of measurements, all are available from a single platform - the Compact 1500 series.



“Care of the critically ill requires prompt and accurate decision making”

The robust design ensures your investment is protected throughout the life of each product.

So, whatever the environment, the smartsigns compact series rises to these challenges.



Future proof your investment with centralised monitoring using a wired LAN connection, up to 64 Compact monitors can be connected to Central View.

Continuous, real time vital sign information is transferred over the hospital network to the workstation where department wide surveillance is accomplished.

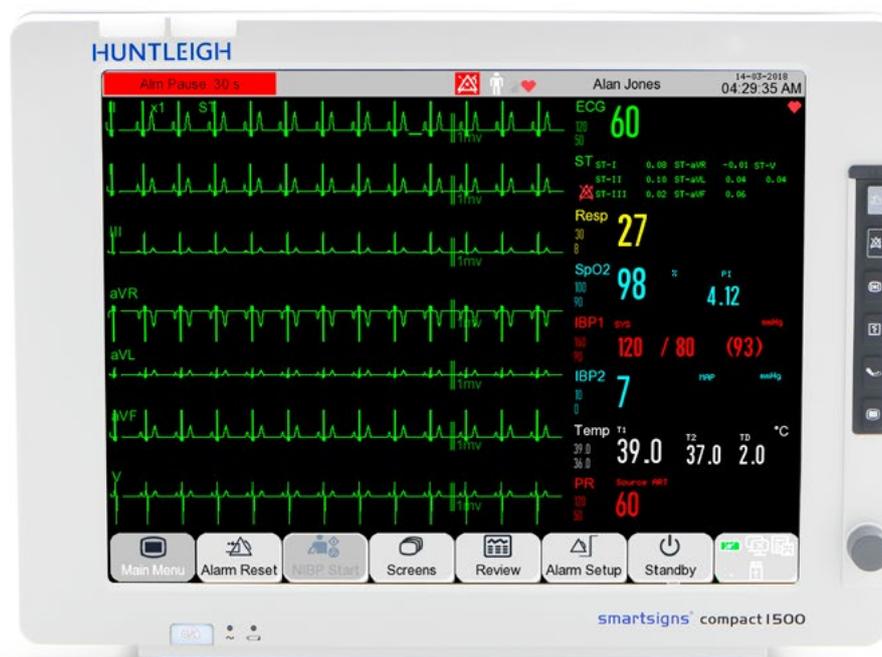
The bi-directional control between the work station and each monitor delivers a totally integrated solution.

Accurate, reliable measurements at your fingertips

Up to eight real time vital waveforms supplemented with digital information can be displayed simultaneously on the crystal clear 15" display.

Whether you prefer to display patient status in this traditional format or alternatively display them as a series of large numbers, using the SC1500 this choice and

selection could not be simpler; changing from one format to another is achieved through a single key press operation. Individual profiles can be developed for each of your patient groups matching the monitor's capability with your clinical speciality and environment. Profiles can either be created locally through the monitor's user interface or developed remotely and deployed via your technical service team.



Modular configuration

The base configuration can be expanded to meet the challenges of any low, medium and high acuity setting

15" Crystal clear display

High resolution display ensures continuous visibility of patient status

User definable profiles

Predefined profiles can be developed by the user to match the patient group or local environment

Automatic or manual event capture

Changes in patient status are automatically captured, stored and made available for review keeping you in touch with your patient at all times

Touchscreen navigation with smart key operation

Simple point and press functionality enhances system navigation, the smart key operation supports quick access to the most common features

Multi-level user programmable alarms

Graded audible and visual alarms keeps you informed of changes with patient status

Ambient light sensor

Automatically adjusts the intensity of the display maximising the contrast between the display and local lighting



Choice of departmental configurations simplifies operation

Supporting each of the monitoring modalities are a range of advanced features which can be accessed by the user:

- Dedicated departmental configurations are available to establish a normalised approach to system settings General ward, OR, ICU, NICU, and CCU.
- Advanced alarm management allows you to customise and prioritise settings according to the presenting conditions.
- 120 Hours of trend information allows you to review patient status optimising decision making.
- Automatic arrhythmia detection and ST segment measurement are both useful tools for cardiac patients enhancing your service provision.
- Detecting and capturing changes in patient status and or alarm violations the manual or automatic event storage feature provides extremely high levels of patient surveillance.

Each configuration and monitoring option is supported with a comprehensive range of patient specific accessories, this allows you to configure your immediate workspace further optimising patient care.

The robust design and comprehensive support packages ensures your investment is protected throughout the life of each product.



Technical

Technical Summary	
Size	400 x 140 x 300mm
Weight	4.5Kg
Display type / size	15" TFT
Power supply	100-240 VAC, 50 / 60Hz, 60VA
Battery type	Rechargeable lithium ion 4,400mAh, 3 hrs back up, 3.5 hrs recharge time
Equipment classification	IIb
Degree of protection against electric shock	CF-ECG, IBP BF -NiBP, Temp, SpO ₂ , Respiration, EtCO ₂
Operating modes	Multi lingual interface user configurable displays -adjustable colour and position of waves Multiple display options - standard, large numeric, 12 lead dynamic or 7 lead ECG, Oxy CRG and bed to bed view
Patient groups	Adult, Paediatric and Neonate
System control	Integrated touch screen and rotary navigator
Alarms	Full function physiological and technical alarms with user adjustable three level priority settings
Expansion module	Dual channel IBP, EtCO ₂ side stream and main stream
I/O	USB, multi-function I/O, analogue ECG out, nurse call, defibrillator synchronisation, data transfer and exchange, HL7 protocol

Models and Options

Monitoring Options	
Base configuration	ECG (3/5), Respiration, SpO ₂ , NiBP, PR, Temperature (2 channel) ST segment, arrhythmia detection, event storage and recall, drug calculator
Option 1	12 Lead ECG
Option 2	Nellcor Oximax Pulse Oximetry
Option 3	2 Channel Invasive Blood Pressure (internal)
Option 4	2 Channel Invasive Blood Pressure (expansion module)
Option 5	EtCO ₂ side-stream (expansion module)
Option 6	EtCO ₂ main-stream (expansion module)
Option 7	Integrated recorder

Nellcor OxiMax™ is a trademark of Covidien AG.

As a proud member of the Arjo family, we have been committed to supporting healthcare professionals in improving outcomes and enhancing patient wellbeing since 1979. We do this through our proven solutions for Vascular Assessment & Treatment and Fetal & Patient Monitoring. With innovation and customer satisfaction as our guiding principles, we strive for clinical excellence and improved performance, for life.

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