



ECG and vital signs monitoring

SureSigns VM4 portable bedside monitor

The Philips SureSigns VM4 now includes respiration and apnea alarming, making it a robust monitoring solution. When combined with additional measurements including ECG, pulse oximetry, non-invasive blood pressure (NBP), and predictive temperature (optional), the SureSigns VM4 offers convenience, reliability, and quality patient care.

PHILIPS
sense and simplicity

SureSigns VM4. Doesn't

Easy to learn and easy to love

The VM4, like all SureSigns monitors, is easy to set up, easy to learn, easy to use, and easy to support. An enhanced patient menu contains added patient ID input fields such as MRN, Transaction/Visit, Location and Operator. These IDs can easily be entered with a barcode scanner (optional). Intuitive navigation puts your most commonly used features at your fingertips. And using the VM4 has become even easier with the addition of tool tips, options for printing waveforms (7 or 20 seconds), and configuration settings that can be shared between like monitors.

Connect to the SureSigns VSV: a simple way to be everywhere at once

Having a clear picture of each patient's status, at a single glance, can help relieve stress on care teams. The Philips SureSigns Vital Signs Viewer is an affordable, dependable, and simple way to add the benefits of central viewing and alarming without the complexity or expense of a traditional PC-based central station. Connect up to 12 SureSigns VM monitors at a time. It's one more way Philips is making it easier to free yourself to do exactly what you need to do to care for your patients.

All the support you need

The SureSigns VM4 is backed by high-quality technology and support. Software upgrades, via the USB port, are remarkably quick and easy. The sleek modular design simplifies set up and repair.



Sleek roll stand with integrated basket and locking casters makes it easier to take SureSigns VM4 patient monitor where it's needed. Wall mount also available. Each is designed for easy mounting and quick release.



The Philips VSV allows you to check the status of up to 12 patients at a glance.

miss a beat.

Oral temperature in just four seconds using Welch Allyn SureTemp (optional).

Large 8.4" (20.3 cm) color display with up to two waveforms and numerics is bright and easy to read.

Sturdy handle and rugged housing for easy portability.

Lightweight, at only 3.0 kg (6.6 lbs).

Lithium ion battery is standard.

Enhanced patient menu containing additional ID input fields

Fixed keys for quick access to main functions.

Non-invasive blood pressure (NBP), including manual, interval, and STAT modes. Supports the Philips hardware module.

Integrated strip recorder for convenient documentation (optional).

Up to 96 hours of measurement trends.

Bar code scanner for convenient entry of patient ID (optional).

USB port for easy software upgrades.

Spot-check mode for vital signs collection on multiple patients.

3-lead ECG with pacemaker detection, including a "leads off" indicator:

Philips SpO₂ technology compatible with a wide variety of adult, pediatric, and neonatal sensors.*

* Adapter cable required.

Product specifications	
Width, height, depth	W: 26 cm (10.2"), H: 22 cm (8.6"), D: 14.5 cm (5.7")
Weight	3.0 kg (6.6 lbs), excluding optional recorder and predictive temperature
Screen	8.4" (20.3 cm) SVGA TFT-AM LCD
NBP	Oscillometric using stepwise deflation pressure <ul style="list-style-type: none"> • Adult measurement range <ul style="list-style-type: none"> – Systolic: 30 – 270 mmHg – Diastolic: 10 – 245 mmHg – MAP: 20 – 255 mmHg – Pulse rate range: 40 – 300 bpm • Pediatric measurement range <ul style="list-style-type: none"> – Systolic: 30 – 180 mmHg – Diastolic: 10 – 150 mmHg – MAP: 20 – 160 mmHg – Pulse rate range: 40 – 300 bpm • Neonatal measurement range <ul style="list-style-type: none"> – Systolic: 30 – 130 mmHg – Diastolic: 10 – 100 mmHg – MAP: 20 – 120 mmHg – Pulse rate range: 40 – 300 bpm • Blood pressure accuracy <ul style="list-style-type: none"> – Maximum standard deviation: 8 mmHg – Maximum mean error: ± 5 mmHg • Pulse rate accuracy <ul style="list-style-type: none"> – 40 – 100 bpm: ± 5 bpm – 101 – 200 bpm: $\pm 5\%$ of reading – 201 – 300 bpm: $\pm 10\%$ of reading
SpO ₂	<ul style="list-style-type: none"> • Measurement range: 0 – 100% • Accuracy varies by sensor
ECG	<ul style="list-style-type: none"> • 3-lead; heart rate range: 15 – 300 bpm • Heart rate accuracy: greater of $\pm 1\%$ or ± 5 bpm
Impedance respiration	<ul style="list-style-type: none"> • Measurement range: 0 – 150 rpm • Accuracy: <ul style="list-style-type: none"> – ± 1 rpm in the range of 0 – 120 rpm – ± 2 rpm in the range of > 120 rpm
Temperature	Measurement Range <ul style="list-style-type: none"> – Monitored mode: 26.7 – 43.3°C (80 – 110°F) – Predictive mode: 34.4 – 40.6°C (93.9 – 105°F) <ul style="list-style-type: none"> • Accuracy: $\pm 0.1^\circ\text{C}$ ($\pm 0.2^\circ\text{F}$) (Monitored mode) • Method: oral, axillary and rectal
Battery	<ul style="list-style-type: none"> • L10.8-11.1V (lithium ion battery) • Operating time: 4 hours with continuous monitoring and NBPs every 15 minutes
Data output	HL7 format, via Ethernet port
Patients	Adult, pediatric, neonatal

863063	SureSigns VM4	SureTemp is a registered trademark of
T01	Predictive Temperature (optional)	Welch Allyn.
R01	Recorder (optional)	
863067	SureSigns VSV	

* Additional supplies available. Please contact your Philips representative for more information.
** Depending on model ordered.

Please visit www.philips.com/SureSigns



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Supplies included*	To re-order
Adult antimicrobial NBP cuff	M4555A
NBP interconnect tubing	M1599B
Adult finger SpO ₂ sensor	M1196A
3-lead ECG lead set with grabber cable	989803143171 (IEC) or 989803143181 (AAMI)
Oral temperature probe**	989803143381
Oral temperature probe covers (one box)**	M4823A
Recorder paper (5 rolls)**	989803136891
Also available	To order
Roll stand with basket	989803144001
Wall mount	989803144011
Bar code scanner kit	1D: 989803167691 2D: 989803147821

A simple way to be everywhere at once

Connect with the SureSigns Vital Signs Viewer to show status from up to 12 patient monitors at a time.

Getting started

Each monitor comes with set-up guide, instructions for use, quick reference cards, user training DVD, and service manual on CD.



Supplies for the SureSigns VM4 include a wide selection of disposable and reusable SpO₂ sensors, all designed for accuracy, performance, and durability.



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Printed in The Netherlands
4522 962 XXXXX * APR 2011