

# LIFE SCOPE<sup>®</sup>

## SVM-7200 SERIES

### VITAL SIGNS MONITOR

Simple Integration of  
Essential Vitals



The Life Scope SVM-7200 Series vital signs monitor's intuitive design was developed to save you time and increase efficiency in measuring, documenting and integrating vital signs parameters to the patient's medical records.

The Life Scope SVM-7200 Series vital signs monitor features Nihon Kohden's premium-as-standard design and comes complete with WLAN capabilities, iNIBP and a battery at no additional charge

#### Versatile

- Provides an option for customizable early warning scoring that may enable the identification of at-risk patients by combining data with observational information
- Allows for tailored product configuration, including selection of factory-configured SpO<sub>2</sub> and temperature measurement technology, to meet all your needs
- Converts easily to continuous vital signs monitoring mode\* for at-risk patients, and when connected, allows for easy viewing of vitals within the Nihon Kohden Patient Monitoring System

#### Efficient

- Features a seamless two-touch, wireless send-to-EMR function, so you can spend less time charting and more time with patients
- Offers a streamlined barcode-reading functionality to ensure that the right information goes to the right patient chart every time
- Allows for vital signs monitoring of multiple patients and easy movement from room to room
- Increases the speed and comfort of blood pressure measurement with inflation-based non-invasive blood pressure (iNIBP), which automatically detects diastolic and systolic pressure while the cuff is inflating

#### Intuitive

- Designed for ease of use, with a bright high-resolution display, visual/audible alarm indications and quick-access keys
- Navigate the monitor quickly using the touch screen and measure patient parameters with ease
- Includes on-screen animated tutorials for user assistance

\* Not intended for cardiac monitoring

# LIFESCOPE® SVM-7200 VITAL SIGNS MONITOR SPECIFICATIONS

## E-CHARTING INFORMATION

Up to 30 charting parameters including: pain level, respiration rate, AVPU

## DISPLAY

Display Size	8-inch, color TFT type LCD
Resolution	800 dots x 600 dots
User Interface	Touch screen
Waveform Display	SpO <sub>2</sub> pulse wave, non-fade fixed mode
Waveform Trace	1 trace (SpO <sub>2</sub> ) (maximum one preset color)
Sweep Speed	6.25 mm/s, 12.5 mm/s, 25 mm/s or 50 mm/s (±10%)
Sweep Time	6.2 s (at 25 mm/s sweep speed)
Numeric Data Display	NIBP (systolic, diastolic, MAP), SpO <sub>2</sub> , SpO <sub>2</sub> -PR, temperature, one preset color
Synchronization	Pulse rate sync mark
Recovery Time	Less than 10 seconds after defibrillation
SpO <sub>2</sub> Technology	Nihon Kohden, Nellcor or Masimo
NiBP Technology	Oscillometric (deflation mode and inflation mode)
Temperature Technology	Oral/Rectal/Axillary or Temporal Scanner
Connectivity	Wireless (WiFi), USB, HL7 output (EMR), Net9 (Nihon Kohden network)
Data Storage	10,000 items (spot table, alarm history and trend)

## ALARM (IEC 60601-1-8:2012)

Alarm Classification	Crisis, Warning, Advisory
Alarm Delay	Max 5 seconds to display an alarm that occurs in the vital signs (time on the central monitor)
Alarm Indication	Alarm light indication, inverted parameter box and sound

## WIRELESS LAN

Applied Wireless LAN Standards	IEEE 802.11b, IEEE 802.11g, IEEE 802.11a, IEEE 802.11n
Antenna	Internal
Data Modulation	- IEEE802.11b: DSSS (CCK, DQPSK, DBPSK) - IEEE802.11g/n (2.4 GHz): DSSS-OFDM (64QAM, 16QAM, QPSK, BPSK) - IEEE802.11a/n (5 GHz): OFDM (64QAM, 16QAM, QPSK, BPSK)
Channels	- IEEE802.11b/g/n (2.4 GHz): ch1, ch2, ch3, ch4, ch5, ch6, ch7, ch8, ch9, ch10, ch11 (center frequency: 2.412 to 2.462 GHz, channel interval: 5 MHz) - IEEE802.11a/n (5 GHz): ch36, ch40, ch44, ch48, ch52, ch56, ch60, ch64 (center frequency: 5.180 to 5.320 GHz, 4-channel interval: 20 MHz)  ch100, ch104, ch108, ch112, ch116, ch120, ch124, ch128, ch132, ch136, ch140 (center frequency: 5.500 to 5.700 GHz, 4-channel interval: 20 MHz)  ch149, ch153, ch157, ch161, ch165 (center frequency: 5.745 to 5.825 GHz, 4-channel interval: 20 MHz)  Channel switching: Automatic (roaming)

## SECURITY

Network Authentication	Open, WPA Personal, WPA2 Personal, 802.1X, WPA Enterprise, WPA2 Enterprise
Encryption	WEP, TKIP, AES, AUTO
EAP Authentication	PEAP, EAP-TLS, EAP-FAST, EAP-TTLS, LEAP

## COMPATIBILITY

Products	NK-HiQ HL7 Essential and NK-HiQ Enterprise Gateway (SVM-7200 Series monitor transmitting wirelessly in spot check mode)  Compatible with all EMR's which utilize HL7 to accept vital signs from an SVM-7200 Series monitor.
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## BATTERY (SB-720P)

Battery Type	Rechargeable Li-ion
Operation Time	Up to 6 hours with fully charged battery
Power Off Delay Time	5 minutes
DC Voltage	7.2 V
Charging Current	2270 mA or 840 mA
Charging Time	<b>90% charge:</b> 6 hours; <b>Full charge:</b> 8 hours Charging time may be longer at high temperatures
Battery Status Indication	Battery lamps on the front panel, screen message and alarm sound, alarm indicator

## RECORDER (WS-720P)

Recording Method	Thermal array recording
Recording Width	≥ 46 mm
Paper Speed	12.5 mm/s, 25 mm/s, 50 mm/s

## POWER REQUIREMENT

Line Voltage	<b>AC:</b> AC 100 V to 240 V; <b>DC:</b> 6.6V - 8.2V (SB-720P)
Line Frequency	50 Hz or 60 Hz
Power Input	AC 140VA

## DIMENSIONS AND WEIGHT (APPROXIMATE)

SVM-7200 Vital Signs Monitor	<b>Dimension:</b> 9.1" W x 9.6" H x 5.3" D, excluding protruding parts <b>Weight:</b> 4.6 lbs (excluding battery, recorder and temperature option)
SB-720P Battery	<b>Weight:</b> 0.7 lbs
WS-720P Recorder Module (optional)	<b>Weight:</b> 0.55 lbs
Exergen Temperature Module	<b>Dimension:</b> 7.9" x 1.8" x 1.6" <b>Weight:</b> 0.7 lb

## OPERATING ENVIRONMENT

Temperature	41° F to 104° F
Humidity	15% to 85% RH (noncondensing)

For more information, please contact us at 1-800-325-0283 or visit [us.nihonkohden.com](http://us.nihonkohden.com)



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