

Avante Vetrec NXT

Veterinary Telemetry Monitoring System

The next generation Central Station Cardiac Monitor

Its design is based around the state of the art computer and software technology. The Avante Vetrec NXT is economical, configurable, and compatible with the Avante Waveline Pro and Avante Waveline Touch monitors, and includes NXT telemetry transmitters for wireless cardiac ECG monitoring.

The Arrhythmia Algorithm is built on the same safe, time-proven algorithm. 96 hours of information on each patient (up to 16 patients) is stored on this system. The operating system is powered by Windows 10 Pro and provides a highly versatile platform.

AVAILABLE COMBINATION

- Hardwire System: Hardwire an Avante Waveline Pro or Waveline Touch monitor to measure more parameters
- Wireless Telemetry: Use the NXT Transmitters to monitor ECG or incorporate a portable wireless bedside monitor for vital signs
- Combination of Hardwire and Wireless System: For those who want Wireless Telemetry on Channels 1-8 and want to hardwire an Avante Waveline Pro and/or an Avante Waveline Touch monitor on Channels 9-16



SPECIFICATIONS



Weight:
4 oz. with batteries



Dimensions:
3.1" (H) x 2.8" (W) x .93" (D)



Power:
2 "AAA" Alkaline Batteries

Battery Life:
Nominal 3 Days
continuous operation

Frequency:
Range 608-614 MHz

Frequency Stability:
Crystal controlled to
within .0015 per cent of
assigned frequency

Bandwidth:
.5 to .65 Hz nominal

Defibrillator Protection:
5,000 volt, 400 joules

Pacer Pulse Tolerance:
Up to 1 volt amplitude
and 2 MS width at rates
up to 150 BPM



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The Vetrec NXT supports both laser printers and thermal recorders. No other system provides a high level of flexibility that the Vetrec NXT offers. Each channel of the Central Station is independent, allowing the use of both Stationary and Telemetry Transmitters on a single system in any combination.

The Vetrec NXT uses split-screen technology, allowing the monitoring technician to review, edit, and enter patient information while maintaining complete control and observation of all patients on the system. Stationary support includes the presentation of waveforms and all vital signs data.

This system is designed to be easy to use, yet completely configurable and adaptable to almost any veterinary hospital configuration. Often used for, but not limited to Pre & Post Surgery, ICU, Immediate Care, Ambulatory Monitoring, and Recovery.



FEATURES

- › System is very user friendly and easy to operate
- › On-site basic training available upon installation
- › All events and information can be: Reviewed, Edited, Printed, Stored, Deleted
- › System is extremely customizable for software (3-year software license) to meet your needs
- › Schedule printing of reports
- › Send data to your clinic/hospital server
- › Create paperless reports
- › Auto charting
- › Manual recording - ECG analysis
- › Color waveforms (20 colors)
- › System has an alarm on arrhythmia and cardiac events (Vtach, HR rate, Abnormal Beat, VFIB, Asystole, St)
- › Trends, charts, and strips with arrhythmia
- › Events stored for review until you discharge the patient
- › Portable NXT Transmitters:
 - › Single/multi-lead ECG
 - › Independent lead wires
 - › Operates on two AAA Alkaline batteries
 - › Frequencies - USA: Medical 608 MHZ | Europe: 433 MHZ | International: 174 MHZ

HARDWARE INCLUDED

- › Vetrec TS CPU
- › Receiver Station
- › LCD Color Monitor
- › Laser Printer
- › Up to 16 NXT Transmitters
- › All necessary hardware cables
- › 2 antennas
- › 1-year warranty

OPTIONAL MONITORS & HARDWARE

- › Bedside monitor (Avante Waveline Pro and/or Touch)
- › Additional antennas for extended range throughout your facility
- › LCD monitor
- › Flat-screen viewing monitor
- › Wall mounting bracket