



Nexus VET is an advanced digital image acquisition system designed for the veterinary needs. It is a cost effective solution that includes advanced image processing algorithms for optimal image quality and reliability.

Designed to provide fast, accurate diagnostic images with minimal user interaction, Nexus VET is an efficient solution for your digital imaging needs. Optimized work flow with this product will allow veterinarians to focus more on the animal while seamlessly capturing images.

### Advanced Image Quality

- Processing and enhancement tuned for each species.\*
- Veterinary site-specific tuning capability

### Cost-effectiveness

- Nexus VET is designed to be packaged and resold to end users by our customers
- Nexus VET package options can include a Varex Flat Panel detector and a complete workstation computer kit. When a complete hardware and software kit is purchased, Varex Imaging will setup and test the system with the flat panel prior to shipment.

### Easy to Use

- IOS-like look and feel with multi-touch monitor
- Easy patient worklist selection when integrated with RIS
- System guidance through defined protocols with seamless image transfer to DICOM server
- DICOM 3.0 compliant

### Integration Capabilities

- Nexus VET can be integrated to your generator to eliminate the generator console<sup>1</sup>

\*Canine, Feline, Avian supported at this time

## Acquisition features

- User input via touchscreen or keyboard & mouse
- Simple patient selection from work list
- Exposure Index for technique optimization
- Auto advance to acquisition upon patient selection
- Auto acquisition advance based on custom protocols
- Highly optimized DR image acquisition work flow
- Auto send to DICOM upon completion of exam
- Multi-Panel Support - up to 3 panels
- Generator integration<sup>1</sup>

## Software Features

- HIS/RIS work list support
- Configurable automatic study advance
- Over 500 preloaded exam profiles
- Accept/reject functionality
- Auto region of interest (ROI)
- Thumbnail image display
- Left/right markers with smart positioning
- Optimized work flow for fast patient throughput
- Image measurement and annotation tools
- Support for multiple languages
- Background multi-tasking hard copy allows simultaneous processing and printing during acquisition
- Online and remote service diagnostics

## Image Processing Software

- Utilizes advanced image processing algorithms per species\* for optimum image quality
- Imaging parameters tied to customizable APR-based acquisition profiles
- Grid detection and suppression
- Extensive post-processing features
- vSharp<sup>®</sup> - Scatter correction (optional)

## Nexus VET Hardware Specifications

- Tablet, all-in-one, or small desktop PC
- Intel Core family CPU (4th generator or later)
- Windows 10 Professional<sup>®</sup> - 64 bit operating system
- 256 GB HD or SSD (not intended to be an archive device)
- 8 GB RAM
- Multi-touch monitor to enable touch capability
- Keyboard and mouse fully supported

## Flat Panel Detector

Nexus VET is integrated with Varex's latest 43x43cm (17x17 inch) Radiographic Flat Panel Detectors

- Cesium iodide or Gadax scintillators available
- PaxScan 139  $\mu\text{m}$  pixel pitch for up to 3.6lp/mm spatial resolution
- 16 bit A/D contrast resolution
- vTrigger (AED Mode) or hardwire exposure synchronization

<sup>1</sup> Generator integration  
CPI CMP200<sup>®</sup> or  
Spellman<sup>®</sup> HFe (upon request)

## More Information

As a market leader and independent supplier of medical X-ray components, we have extensive experience providing high-quality, safe, and effective products.

For more information, please contact a Varex Imaging sales representative at [NexusSoftware.cs@vareximaging.com](mailto:NexusSoftware.cs@vareximaging.com).

All promotional material and the information provided herein is for planning purposes only.

## Varex Imaging Corporation

HEADQUARTERS  
Salt Lake City, UT  
Tel: 801-972-5000

WORKSTATION PRODUCTS  
121 Metropolitan Dr.  
Liverpool, NY 13088  
Tel: 315-234-6800

©2022 Varex Imaging Corporation. All Rights reserved.  
Production of any of the material contained herein in any format or media without the express written permission of Varex Imaging Corporation is prohibited.