

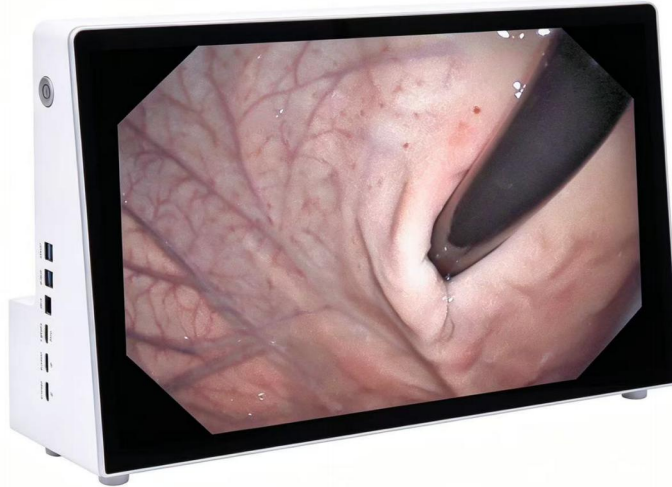


4K All-In-One System

Rvet Series Image Processor

4K Integrated Endoscopy System

All-in-One Imaging Platform for Veterinary Minimally Invasive Surgery



Overview

The 4K Integrated Endoscopy System is a premium all-in-one surgical imaging platform designed to meet the demanding requirements of modern veterinary minimally invasive procedures.

With true 4K UHD resolution (3840 × 2160), a large 23.8-inch touchscreen display, and a fully integrated architecture, the system delivers exceptional image clarity, accurate color reproduction, and superior depth perception, enabling veterinarians to perform procedures with greater confidence and precision.

By integrating the camera control unit, light source, monitor, and pump system into one compact workstation, the system simplifies operating room setup, reduces cable clutter, and significantly improves workflow efficiency.

Image & Video quality Lossless storage.

Compatible with esophageal foreign body forceps.

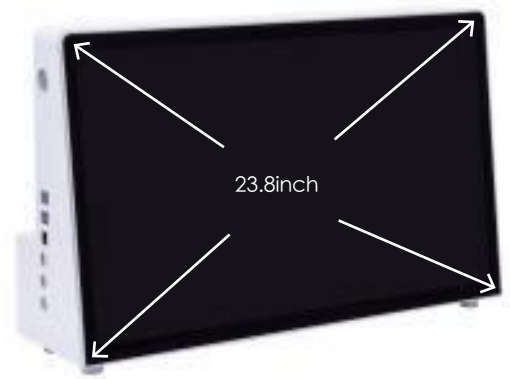
Clinical Applications

- Laparoscopic and thoracoscopic procedures
- Arthroscopy and joint inspection
- ENT and upper airway examinations
- Soft tissue and minimally invasive surgery
- Diagnostic and therapeutic endoscopy

Suitable for small animal hospitals, specialty clinics, and advanced veterinary surgical centers.

Product Features

- True 4K UHD resolution: 3840 × 2160
- 23.8-inch large medical-grade touchscreen
- All-in-one integrated design
- Built-in pump system for insufflation
- Supports both rigid and flexible endoscopes
- Optional ICG fluorescence imaging for enhanced tissue visualization
- Real-time image enhancement and digital zoom
- Touchscreen operation with intuitive user interface
- Built-in medical case management system
- USB and internal storage for image & video recording
- Network transmission for data sharing and backup
- Compact and mobile workstation design
- Plug-and-play installation (USB, 4K output HDMI, DICOM, Ethernet)



Including List

Main Monitor	
Light Cable	
Camera Head	
Water Bottle	
Power Cable	

Optional Accessories:

- Flexible Endoscopes
- ICG Fluorescence Module
- Medical Trolley

Technical Specifications

	Category	Specification Details
	Resolution:	3840 × 2160 (4K UHD)
	Display Size:	23.8 inch
	Display Type:	Medical-grade LCD touchscreen
	Image Sensor:	CMOS
	Light Source:	Integrated LED
	Pump Type:	Built-in electronic pump
	Endoscope Compatibility:	Rigid & Flexible
	Recording Format:	Image / Video
	Storage:	USB / Internal Memory
	Network:	Ethernet / Wi-Fi (optional)
	Power Supply:	AC 100–240 V, 50/60 Hz

Flexible Endoscope Specifications

Model	Outer Diameter	Working Channel	Working Length	Image Quality	Angulation
RVF-3012	3.0mm	1.2mm	1.0 m	HD	U:160° D:130° L:0° R:0°
RVF-6028	6.0 mm	2.8 mm	1.5 m	HD	U:210° D:90° L:100° R:100°
RVF-8028	8.0 mm	2.8 mm	1.5 m	FHD	U:210° D:90° L:100° R:100°
RVF-9128	9.8 mm	2.8 mm	1.5 m	FHD/4K	U:120° D:90° L:110° R:90°
RVF-9328	9.8 mm	2.8 mm	3.3 m	FHD	U:210° D:90° L:100° R:100°
RVF-1237	12.8 mm	3.7 mm	3.5 m	FHD/4K	U:180° D:180° L:160° R:160°

Clinical Applications – Flexible Endoscope

- Canine: ENT examination, bronchoscopy, gastroscopy, colonoscopy
- Feline: ENT examination, bronchoscopy, gastroscopy, colonoscopy
- Equine: Bronchoscopy, gastroscopy, colonoscopy
- Aquatic Animals (e.g., Dolphins): Gastroscopy, colonoscopy

For diagnostic and therapeutic endoscopic procedures in small animals, large animals, and aquatic species.

