

GLOBAL MARKETING CENTERS



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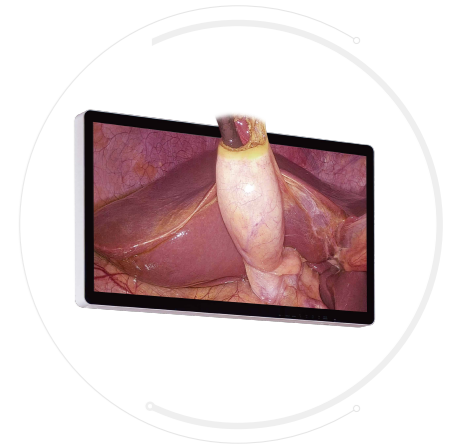
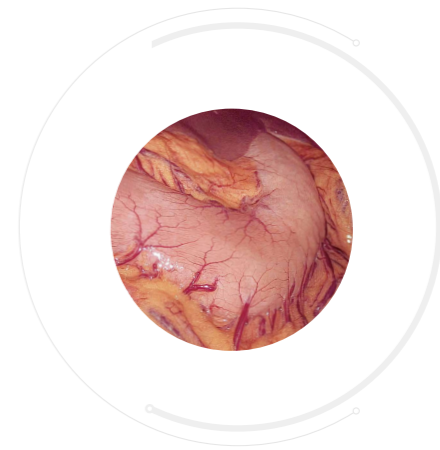


HALSTED HEALTHCARE
TRADITION & INNOVATION

HEALTHCARE



IMAGING SYSTEMS



Company Introduction

Zhejiang Healnoc Technology Co., Ltd. is a globally leading provider of digital medical solutions. Focused on the medical technology field, we are committed to safeguarding everyone's health through digital healthcare.

We bring together an expert team with years of industry experience. Centered on image and video processing technology, we organically integrate advanced technology, rich clinical experience, and deep industry insights. Through open collaboration with global medical partners, we continuously launch innovative products and optimize medical solutions, delivering premium products and exceptional service to healthcare professionals.

With people-oriented digital medical products, we empower the medical industry in all dimensions, explore long-term sustainable development models, continuously create value for customers, and lead the future of medical technology.

Vision

To become the globally leading provider of digital medical solutions.

Mission

To safeguard everyone's health through digital healthcare.

Core Values

Premium Products
Exceptional Service
Continuous Value Creation for Customers

Conferences and Workshops



Parent Organisation



23,000+ Employees



69 Overseas subsidiaries, branches and representative offices



180+ Distribution Coverage



4.41B+ Us Dollar



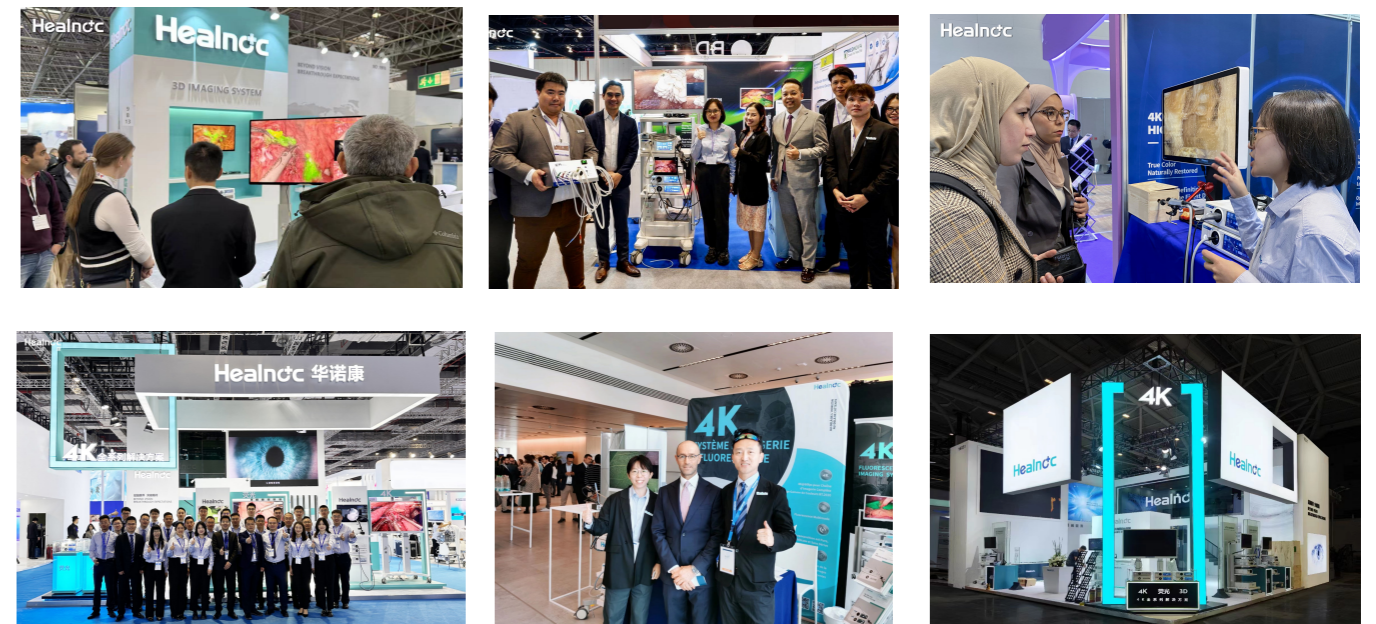
No.2* Global Market Share in CCTV



800+ International Patent Filed



Marketing Participations



Product Portfolio

800+
Global Hospitals with Installations

3500+
Nationwide Hospital Trials

200K+
Clinical Surgical Applications

See More

See Clearly

See Precisely



4K Integrated Endoscopic Camera System



4K Imaging System



4K NIR/ICG Imaging System

4K 3D Imaging System



4K 3D NIR/ICG Imaging System



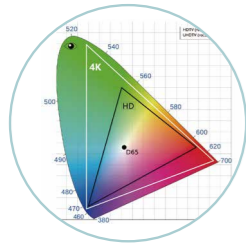
As minimally invasive surgical techniques advance and surgical complexity and precision increase, the demand for high-quality and functional endoscopic video systems continues to grow. These systems have evolved from simply “seeing” to “seeing clearly” with 4K ultra-high-definition technology, and further to “seeing precisely” through ICG fluorescence imaging and 3D stereoscopic visualization.

4K Ultra High Definition

4K Imaging System is now maturely utilized in modern minimally invasive surgeries. Achieving "clarity" requires more than just resolution; it demands high standards in performance metrics such as sharpness, color accuracy, brightness, and latency. Only by delivering true high definition, authentic color, optimal brightness, and low latency can we provide surgeons with high-quality endoscopic images featuring clearly discernible tissue details, appropriately bright fields of view, comfortable viewing, and smooth hand-eye coordination.



True Color: Naturally Restored



Rich Color Reproduction
Employs 10-bit high color depth data acquisition technology to capture more color information; paired with BT.2020 wide color gamut display for broader, richer colors and more realistic, vivid visuals.

Precise Color Calibration
Utilizes 3D LUT, 16-axis color adjustment, GAMMA correction, and CCM correction technologies to accurately restore every color detail.

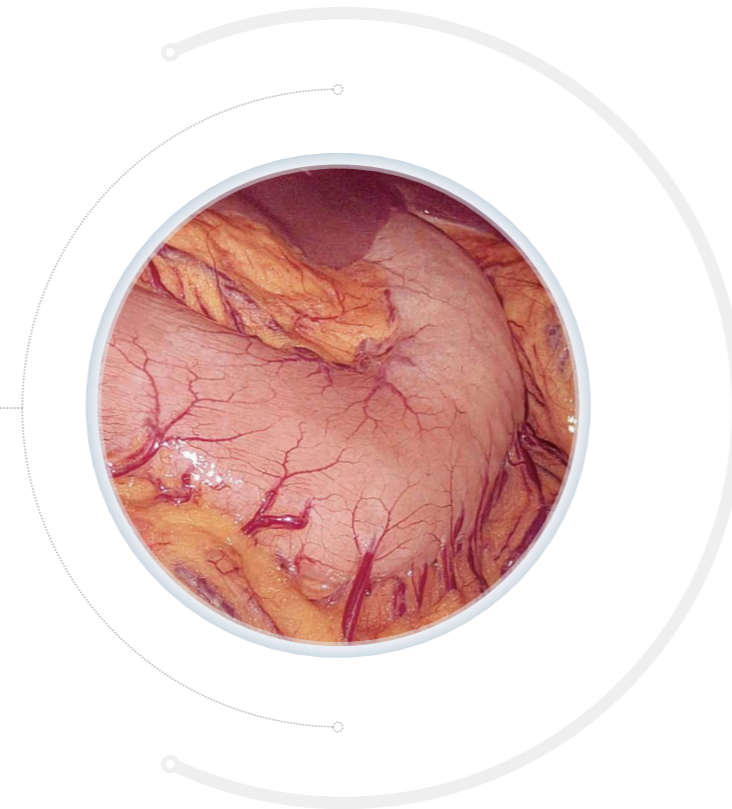
Ultra High Definition: Revealing the Finest Details



High Resolution:
True 4K image quality, with four times the pixels of Full HD.

Image Enhancement:
Features intelligent sharpening and edge enhancement functions to highlight critical tissue details such as blood vessels and nerves based on surgical application scenarios.

Noise Suppression:
Utilizes spatial denoising, temporal denoising, and fixed pattern noise suppression technologies to significantly reduce image noise.



Premium Quality: Long-lasting Reliability

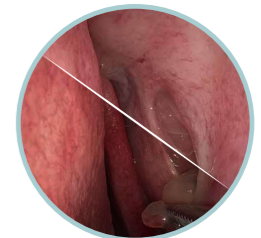
CF Certification ■
CF-level safety certification, suitable for cardiac-related procedures.

Stable Operation ■
Rigorous vibration, drop, and aging tests ensure product stability and a validated 10-year effective lifespan.



Optimal Brightness: Intelligent Light Balance

Auto Exposure ■
Intelligently and rapidly adjusts exposure, adapting to environmental changes to ensure optimal brightness, eliminating flicker, glare, and obscured dark areas.



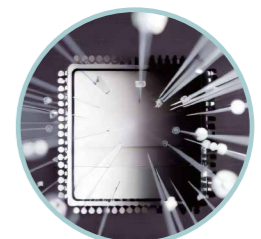
Light Source Synchronization ■
The system monitors image exposure requirements in real-time and automatically adjusts light source brightness to ensure balanced, stable image brightness and reduce heat generation.

Dynamic Range Management ■
Features wide dynamic range (WDR) and dark area enhancement functions, suppressing highlight overexposure while boosting brightness in dark areas, enabling clear visualization of details in both bright and dark regions simultaneously.

Low Latency: Hand-Eye Coordination

Low Latency ■
FPGA-based high-speed processing significantly reduces system latency, ensuring real-time and smooth imaging for precise "hand" and "eye" synchronization.

High Frame Rate ■
Constant 60fps (60 frames per second) delivers smoother, more fluid image display.



NIR/ICG

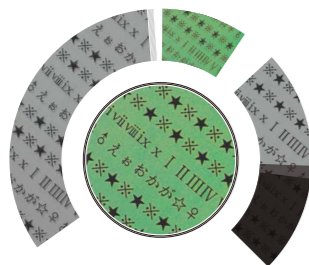
With the evolution of product technology and clinical needs of minimally invasive surgeons, integrating ICG fluorescence navigation/tracing and 3D stereoscopic display on 4K UHD foundation drives endoscopic systems from "clear" to "precise." Using indocyanine green (ICG) and near-infrared (NIR) imaging, surgeons can visualize vascular/lymphatic pathways, biliary structures, and lymph nodes, while locating primary tumors and metastases with their boundaries. By ensuring fluorescence sharpness, sensitivity, and dual-channel (visible light + fluorescence) fusion accuracy/synchronization, the system achieves surgical precision.

See Precisely



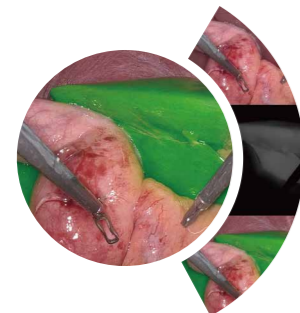
**See Minute Details:
Native 4K**

Native dual 4K resolution. 4K-grade sensors enable ultra-fast dual-channel transmission of white light and fluorescence images with zero compression, revealing more surgical details.



**Precise Fusion:
Dual-Channel Registration**

Employs pixel-level sensor registration, ultra-high-precision algorithm correction, and dual-channel exposure control to fuse images accurately—no ghosting or misalignment.



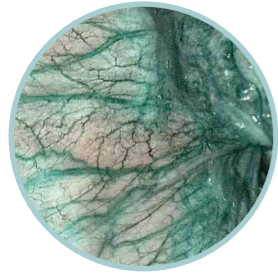
**Clear Fluorescence Imaging:
Instantly Discernible**

Features high-response fluorescence sensors and an optical system with high transmission & stray light resistance, enhancing signal capture. Combined with fluorescence enhancement algorithms, the system identifies ICG concentrations, displays fused images in gradient colors, and clarifies deep-tissue structures for precise resection.



Ultra HD 3D Fluorescence Imaging Platform

Supports multi-department, multi-scope, and multi-surgical mode applications with seamless switching.



Spectral Enhancement

- Utilizes post-processing staining to enhance tissue contrast, clearly delineate lesions, and present mucosal structures in 3D for precise diagnosis.



Advanced Data Management

- Features local and remote storage capabilities. Surgical footage can be stored locally to a hard drive or a networked server with a single click. Recorded data can be seamlessly retrieved across hospital campuses and multiple terminals. Flexible surgical video review enhances physician workflow efficiency.
- Supports 4K UHD recording, compatible with 2D and 3D video formats. Employs H.265/H.264 encoding compression technology to achieve high-quality recording while significantly saving hard drive storage space, meeting the playback requirements of different players.



Multi-Source Real-Time Fusion

- Seamlessly integrates ultrasound, 3D reconstruction, and endoscopic signals for concurrent multi-modal display, enabling rapid clinical decision-making.

