



www.optomedic.com

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OptoMedic Website

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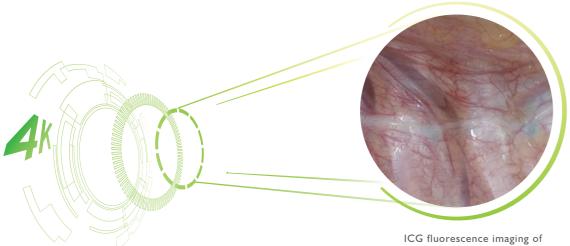
## **GREAT DEPTH OF FIELD**



▲ Others

▲ Optomedic

# **SUPER HIGH FLUORESCENCE SENSITIVITY**

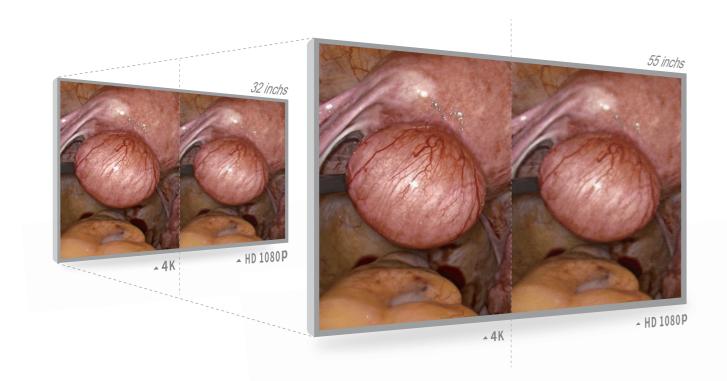






# **4K ULTRA-CLEAR, 4 TIMES CLEARER THAN HD**

Latest 4CMOS 4K technology, resolution up to 3840 x 2160p



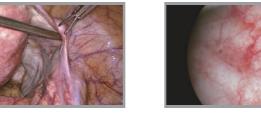
Ultimate Color Reproduction, Brings you True to Life color

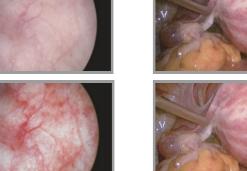


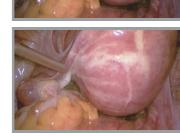












D+ Technology

Presents pictures rich in depth, texture & details

C+ Technology

Fills your field of view with unparalleled realism

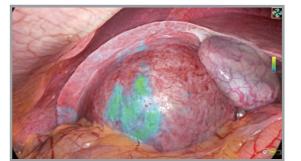
W+ Technology

Unlock details in shadow and highlights

# Four Display Modes









4K Pseudo-Color Mode

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#### **CLINICAL APPLICATION WITH ICG**

#### Hepatobiliary Surgery

- Liver Segmental Visualization-Anatomical liver segmentectomy
- Tumor Identification Resection of Satellite Nodule and Tumor
- Biliary Tract Visualization cholecystectomy
- Blood Perfusion Evaluation-Liver transplantation, Assessment of anastomosis, Biliary duct reconstruction

#### **Urinary Surgery**

- Visualizing Boundary of Renal parenchymal tumor
- Mapping Lymph Nodes of prostatic cancer and Bladder Cancer
- Mapping Lymph Nodes of Penile cancer

#### **Gynecological Surgery**

- Sentinel Lymph Nodes Mapping of Cervical cancer and Endometrial Cancer
   Gastric or Colorectal Lymph Nodes Mapping
- All Lymph Nodes Mapping of Cervical cancer and Endometrial Cancer
- Sentinel Lymph Nodes Mapping of Vulval cancer

#### **Gastrointestinal Surgery**

- Assessment of Anastomosis perfusion
- Gastrointestinal Cancer Localization

#### **Thoracic Surgery**

- Visualizing Pulmonary Intersegmental Plan during Anatomical pulmonary segmentectomy
- Blood Supply Assessment for Anastomosis after Esophagectomy
- Mediastinal Lymph Nodes Mapping for Lung cancer staging
- Pulmonary Nodules Marking
- Visualizing Thoracic Sympathetic

# **PRODUCT SPECIFICATIONS**

| Item                          | Model         |
|-------------------------------|---------------|
| 4K Imaging System             | OPTO-CAM214K  |
| 4K Electric Camera (Standard) | OPTO-CHD214KE |
| 4K Manual Camera (Standard)   | OPTO-CHD214KH |
| 4K Light Source               | OPTO-LED214K  |
| 4K Medical Display            | 32" / 55"     |
| 4K Endoscope                  | 0°/30°        |
| Surgical Cart                 | MTR-S100      |

#### **COMPANY PROFILE**



### Beyond Innovation \_\_\_\_

Guangdong OptoMedic Technologies Inc. is a high-tech company committed to providing high-performance medical devices and services utilizing cutting-edge optical and bio-optical technologies in the medical field.

OptoMedic was founded in July 2013 by a coalition of multidisciplinary experts in medical, biomedical, engineering, quality assurance as well as regulatory affairs. Dedicated to technological innovations, we provide our customers with an array of high-end medical devices, among which the intraoperative endoscopic fluorescence navigation system has become a global leader and been widely used across many departments in general surgery.

OptoMedic has subsidiaries and R&D labs in Suzhou, Beijing, Changsha, Wuhan, and aspires to be at the forefront of medical technology development through multidisciplinary collaborations with renowned research and clinical institutions including Tsinghua University, Suzhou Institute of Biomedical Engineering and Technology, Chinese Academy of Sciences, Peking University School of Pharmaceutical Sciences and tier-I teaching hospitals in China.

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