

Key Benefits & Features

- The world's smallest camera, 1mm including illumination
- Approved by our customers as medical industry benchmark for miniaturization
- Small footprint allowing larger working channel or small diameter
- Chip-on-Tip technology designed for minimally invasive procedures



Illumination

Integrated illumination allows for high quality imaging while maintaining small diameter in single-use and multi-use cameras.



Irrigation

Patented system for integrated irrigation of camera head. Reducing overall diameter and streamlining the endoscopic process.



Waterproof

Waterproof construction enables a wide array of investigations in wet environments.



Single use design

Based on its two-decades of experience with visualization in surgical devices, most of ScoutCam's solutions are designed for single-use.



Wireless transmission

Option for zero latency wireless video transmission - RF protected and resistant to magnetic fields. Ideal for OR.

About ScoutCam

Refining the quality of healthcare through visual solutions that are less invasive and smaller than ever before. We work alongside leading medical technology companies to integrate visual solutions into existing technologies for endoscopy, laparoscopy, and other micro visualization applications.



ENT



Dental



Cardiology



Bronchoscopy



GI



Gynecology



Urology



Orthopedics



Neurology



Ophthalmology



Gen. Surgery



Our Technology

ScoutCam micro-visualization solutions are based on all-inclusive in-house technology.



Micro CMOS Sensors

Proprietary and off the shelf, high resolution miniature from 40Kpx to HD



Optics Design

Proprietary optic designs and micro-lenses assembly



Video Processors

High-end DSP video processors providing optimal image quality



Endoscopes

Endoscopes of various types (rigid, semi-flexible, steerable and flexible)



Illumination

providing illumination using FO or LED according to customer's needs



Long Lightweight Cables

Cable diameter of 0.58 mm and cable length of up to 30m+



Ultrasound Option

Guides you into position when visibility is not available



Task Specific Tools

Task/procedure specific tools (versus generic scopes with tools for every procedure)



Co-Develop with ScoutCam

State-of-the-art facilities, ISO 7/8 cleanrooms, testing capabilities with 1-micron accuracy. Meets FDA and CE standards.

Turn-key Solutions

A complete solutions provider

Integration

Integrating sensors/modules with other components (e.g., illumination irrigation) into finished product

Know-how

Expertise in miniaturization and integration with complementing technologies

Production

Complete in-house assembly competency

Experience

Vast experience in medical and sensitive industrial applications

Understanding

Profound cost-structure understanding

IP

50 Active Patent assets, 29 of them granted

Cost / Performance

Superior final units' cost/performance based on long-term relationships with carefully selected global suppliers and sub-contractors

Reputation

Global reputation in micro visualization

Ingenuity

Flexibility, creativity, ideas, speed