

Key Benefits & Features

- We develop and manufacture the world's smallest bespoke cameras for use in the strictest environmental conditions.
- Endorsed by NASA for their extreme durability, and highly valued in security, aerospace, medical, and industrial fields, ScoutCam's technology operates in extreme temperatures, vibration, and radiation



Size

The world's smallest camera, down to 1 mm including integrated illumination system.



Audio & Video

Components from leading manufacturers ensure delivery of the best video and sound quality in an extremely compact form.



Waterproof

Waterproof construction means mission-ready in any environment, any application.



Single use design

With over 20 years of experience in designing and producing micro cameras we gained Profound cost-structure understanding to deliver cost effective solution.



Long lightweight cables

Long and lightweight cables for wired delivery of A/V signal at ranges of 30m+. Compact and lightweight form allow for ease of integration into existing systems.



Wireless transmission

Zero latency wireless A/V transmission that can pair with a variety of wireless DVR systems.

About ScoutCam

We work alongside leading organizations in security, aerospace, medical, and industrial fields to integrate visual solutions into existing technologies and develop bespoke solutions to fit any mission requirements.



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/Borescopes

Scopes 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)

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Disclaimer: Power Source, DVR, and Transmission can be provided by Integrators or OEM.
ScoutCam provides the visualization solution with integrated microphone for OEM customers.

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

