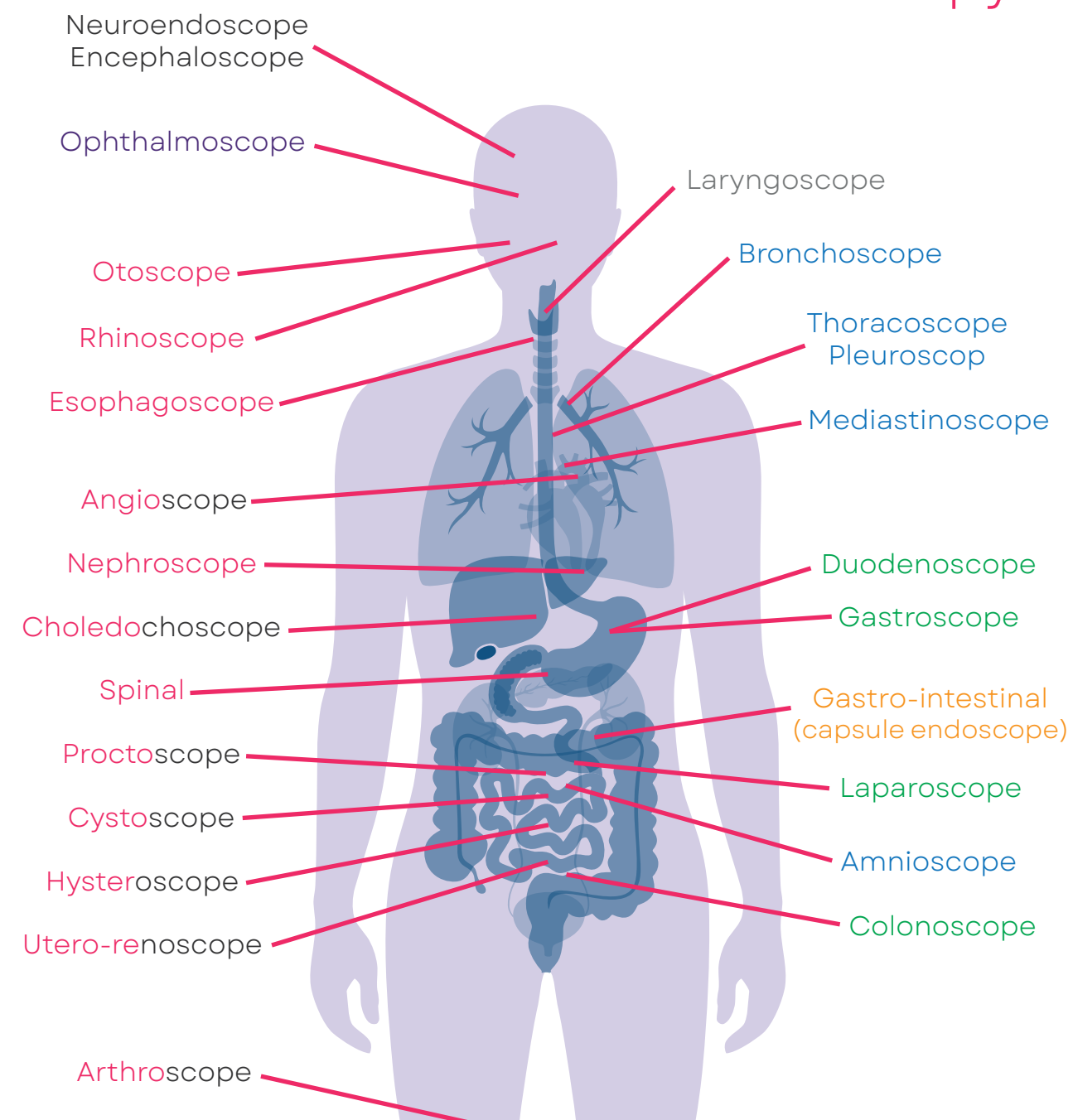


Types & Coverage of Medical Endoscopy



Medical Technology Solutions



Solsta
Ravensbank Business Park, Hedera Road, Redditch B98 9EY
solsta.co.uk



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find out more
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Solsta is a technical, franchised electronic component and system supplier serving the needs of the global medical technology community.

As a 'one-stop shop' for medical technology OEMs, we offer everything from camera sensors to displays, image processing and computing engines as well as custom solutions.

We are proud to offer ground-breaking technology - from our complete endoscopy imaging chain to our portable medical device solutions.

ISO13485 Certified UK Custom Design & Manufacturing Centre

Solsta's ISO 13485 certified design and manufacturing facilities deliver custom sensor assemblies and subsystems to some of the largest OEMs in the life science and defence industries. Our team provides robust engineered solutions, letting you focus on your core expertise.

Custom Sensor Solutions: Specialising in optical presence detection, spectroscopy, and environmental monitoring (temperature, pressure, humidity, flow)

Signal Interrogation: Advanced feedback loops for control of sample conditions

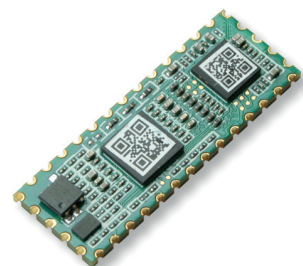
Comprehensive Support: Offering communications modules, driver electronics, battery solutions and embedded displays

Focus on Innovation: Outsource your product engineering design and manufacturing to us, allowing your team to focus on your core IP



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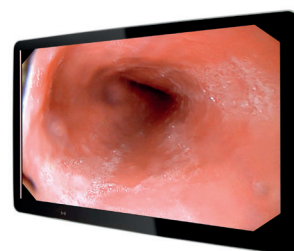
Custom Camera Cable Assemblies, OVMed ISP Boards and Imaging Sensors for Endoscopy Applications



Omnivision offers industry-leading digital imaging solutions across the spectrum of endoscopy and catheter procedures including the OVMed® Image Signal Processing (ISP) board, imaging sensors and CameraCubeChip® with integrated wafer level optics for endoscopy applications. The fine design and manufacturing model allows us to provide custom cable solutions, ideal for applications such as endoscopes, catheter and dental cables.

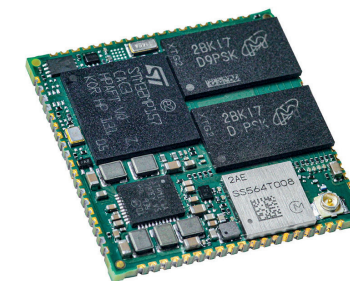
Medical Roadmap Panel PCs, Tablets and Monitors

Avalue and **Winmate** leverage cutting edge technologies in a range of displays, tablets, box PCs and panel PCs for medical imaging, point of care data acquisition and management, smart medical applications and intelligent healthcare.



System-on-Modules

Digi International, **TechNexion**, **Ezurio**, **Variscite** and **Grinn** provide System-on-Module (SOM) solutions with integrated wireless connectivity for medical applications. With the addition of an AI hardware accelerator from **DEEPX**, these high performance building blocks are a secure and reliable way of embedding complete system functionality into an end product, with the reassurance of long term product lifecycle



Medical DC-DC Converter AC-DC Power



Minmax Technology designs medical DC-DC converters and AC-DC power supplies which are certified for use in medical electrical equipment and healthcare applications. High-isolation and reinforced insulated medical safety DC-DC converters feature power ratings ranging from 1 to 20 W, and AC-DC power supplies range from 24 to 60 W.

Illumination, Imaging and Detection

Excelitas' wide-ranging technologies for illumination, imaging and detection allow them to serve a breadth of medical applications including clinical diagnostics, surgery, dentistry, endoscopy, ophthalmology, radiography/ molecular imaging, thermometry and medical device applications.



Temperature, Pressure, Humidity and CO₂ Medical Sensors



Amphenol Advanced Sensors offers leading edge medical sensor technology for patient monitoring and critical care applications by providing the ultimate in accurate and reliable sensing devices to monitor critical vitals. With temperature, pressure, humidity and CO₂ technologies, Amphenol offers innovative solutions, fast development cycles and excellent quality control endoscopy applications.

Wireless Connectivity for Medical and Healthcare Environments

Silex Technology has provided secure, robust wireless connectivity solutions to the medical industry for more than a decade. Silex Ethernet to Wi-Fi bridges connect Ethernet devices to the Wi-Fi network quickly and securely for a flexible cable-free environment. The range complies with IEEE 802.11a/b/g/n/ac and supports WPA3/WPA2 and IEEE802.1x for enterprise security. Stable, fast roaming among Wi-Fi access points ensures a robust wireless connection with no connection loss for mobile applications. MAC address binding of the end device to the bridge ensures it only works with the dedicated end device. Solsta can also provide serial and USB device servers, Network Display Adapters and Mesh Networking Systems.

