



Custom Embedded Industrial-Grade Camera Solutions



Over 25 years of experience in embedded camera application design.

Videology is a global leader in the design and manufacturing of industrial-grade embedded video cameras, related devices, and systems. We are the hardware and software technology behind the imaging-related aspects of our customers' products.



Our cameras are used in a broad spectrum of applications

- Biomedical Devices
- Ophthalmological
- Mass Transit
- ATM/Kiosk
- Pipe Inspection
- Aerospace

- Life Sciences
- Dental & Intraoral
- Banking
- Drones & ROVs
- 3D Printing

We specialize in meeting custom and challenging requirements of OEMs and large-scale integrators and excel in integrating industry-proven CMOS sensors, interfaces, and cutting-edge design. Our products have been embedded into systems across the globe and interact with millions of people on a daily basis in a myriad of applications.

Board Level Cameras

Our board level cameras give you







the freedom to select optics and are also ideal for industrial applications that do not need a lens.

Zoom Block Cameras

Our zoom block cameras have revolutionized video

project designs with their ability to auto focus at an infinite number of positions in a very small package.



Photo ID Cameras

USB photo ID systems are designed for the long-term and are ideal for simple visual identification as well as for biometrics

applications including retinal scan, photo imaging, digital signatures, fingerprint imaging, smart cards, and facial recognition.



More than one million embedded cameras designed and delivered since 1995

- Proudly designed and manufactured on high-tech campuses in Boston, MA and Eindhoven, the Netherlands
- Our Eindhoven campus is known as the Silicon Valley of Europe
- Our people are renowned for technical leadership in the industry

Today, Videology leverages our technology expertise, skilled talent and high-tech locations to provide clients our unique brand commitment: *Excellence. Every day. Every time.*



Technical leadership across the board

- We use the most recent CMOS image sensors and DSP and CPLD components
- Image resolutions ranging from VGA to 20+ megapixels for a wide range of solutions
- Families of USB 3.0,IP/Ethernet and EX-SDI box and board cameras
- Linux, C++, Python and Full SDKs for custom integration and data management
- NXP Architecture, System on Module fully integrated by Videology for a seamless solution
- Multiple output options include 10/100/1000 Mbps RJ45 and USB for the best choice to suit your needs
- Extensive knowledge in video compression technologies to save space and time
- Additional services and solutions include base band video, RF transmission, twisted pair, power supply engineering, and EMI suppression

The science behind the camera

At Videology, we have over 25 years of experience and a deep knowledge base of video imaging technologies, human visual perception, and the science of colors and lighting. Our engineers are always adding new technology and techniques to capitalize on the advancements of the most recent imaging technologies.

Customization and private labeling

Videology's cameras and associated technology can be customized to OEM specifications. We will also private label and package camera orders with a customer's company name and logo, effectively maximizing market presence.

Evaluation and testing

Videology's fully-equipped laboratories measure and test every aspect of camera imaging and software functionality during and after manufacturing.

- ISO 9001:2015 certified
- Over 150,000 units annually
- Value-added manufacturing services, from subassemblies to total box-builds



Honored to be an OEM top supplier

We are a Top-50 supplier to global OEMs for embedded camera systems and maintain "Certified Supplier" status – the highest rating attainable from leading companies operating in the photonics industry.



About Videology

Videology is a manufacturer of industrial-grade video cameras and related devices, systems and software. Our cameras are used in a broad spectrum of applications including surveillance, gaming, law enforcement, life sciences, aerospace, machine vision, biometrics and diagnostic imaging.

Videology specializes in meeting the custom requirements of OEMs and large-scale integrators. We are continuously developing new products, from conventional analog CCD & CMOS cameras to USB and Internet Protocol (IP) systems.

Our products are integrated by OEM customers into systems across North America and Europe. Videology is ISO 9001 registered and has manufactured cost-effective imaging equipment at our United States facility since 1995.



HEADQUARTERS LOCATION

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