



ULIS' 17µm Gen2 sensor integrated into new 3-viewer mode smart fusion camera by Bertin Technology

ULIS adds best-in-class thermal imaging to FusionSight®, an armed forces camera combining low-light color and night vision for separate or smart fusion viewing

The new day and night vision enhancer with VGA 17µm Gen2 performance will be exhibited at Eurosatory in Paris, June 13 - 17, 2016 at booth B-578

Eurosatory, Paris, France, June 15, 2016 – ULIS, a leading manufacturer of thermal image sensors, announces today the selection of its VGA 17 micron Gen2 thermal sensor in Bertin Technology's FusionSight®. FusionSight is a lightweight night and day vision enhancer enabling three viewing modes: color imaging in extreme low-light, high-resolution thermal imaging to detect threats at night in all-weather conditions and smart fusion that allows real-time image processing. This feature is important for giving special forces the option to select key information provided by both the vision and thermal image sensors in a single image. Users will experience enhanced critical field vision at night or during the day at distances up to 3km.

"ULIS' know-how and reputation for supplying excellent image quality, easy to integrate and robust products led us to choose the compact VGA 17µm Gen2 thermal image sensor," said Damien Diaz, operations manager at Bertin Technology. "Our new FusionSight is a fully-digital, all-in-one device offering three viewing modes: color low-light, thermal and smart fusion. It provides armed forces, homeland security personnel and the police with the most enhanced day and night identification, detection and recognition over long distances."

ULIS' VGA 17µm Gen2 thermal image sensor is one of a family of Gen2 products designed for enhanced image quality with an extended battery life, so threat detection can continue uninterrupted. The reliability of ULIS' products has assured their selection in a range of military applications. These include: ground vehicle situational awareness, such as the Nexter IFV (Infantry Fighting Vehicle), handheld thermal imagers for the FELIN program, air-to-air refueling as well as application in missile seekers.

"Bertin Technology's choice of ULIS' VGA 17µm 640x480 thermal image sensor is further evidence of the true competitiveness and sustainability of our 17 micron Gen2 products, designed to offer peak performance, environmental hardiness and reductions in the overall cost of system ownership," said Emmanuel Bercier, senior marketing manager at ULIS. "Our affordable low power consumption thermal image sensors are increasingly being deployed in diverse military gear. Special forces will find that FusionSight is a highly reliable handheld device suited for today's needs for faster threat detection and identification in all-weather conditions, whether at night, at dusk or dawn or in full daylight."

Certified to military-grade standards (MIL STAND 810/833), ULIS' VGA 17µm Gen2 thermal image sensor operates at a wide temperature range (-40°C to +85°C) and is

tecless and shutterless compatible. It offers decades for MTF (Mean Time to Failure) and a 10-year guarantee against vacuum loss.

Bertin Technologies equips the energy, environment, life sciences, defense and aerospace industries with technological innovations, integrated systems and services. It is active in nuclear deterrence, surface-to-air combat, biological and chemical control and homeland security. The company will exhibit FusionSight in hall 5 booth B-578. ULIS' VGA 17µm Gen2 thermal image sensor will be displayed in hall 5 booth K 761.

About ULIS

ULIS, a subsidiary of Sofradir, specializes in designing and manufacturing innovative thermal image sensors for commercial and defense applications. It enables makers of consumer electronics and infrared equipment to produce low weight, low power consumption and cost-effective thermal cameras at high volume.

Founded in 2002, ULIS has grown to become the second largest producer of thermal image sensors (microbolometers). It offers a targeted range of microbolometers that are the key component of many top brands in thermal imaging equipment sold across Europe, Asia and North America. ULIS is active in the surveillance, thermography, firefighting, defense and outdoor leisure markets. Hundreds of thousands of its products are used to detect threats and thereby protect property, industrial sites, national borders and commuter systems as well as military personnel in combat zones. Other professionals choose thermal image devices equipped with ULIS' products due to the affordability and quality of ULIS' technology for mainstream commercial applications and the company's expertise. Size, weight, low power consumption and cost reductions drive ULIS innovations, enabling the company to address new trends in smart buildings, road safety and in-cabin comfort of vehicles. ULIS is located in Veurey-Voroize, near Grenoble.
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