



## **ULIS launches ThermEye™ Building, a new product line dedicated to smart building applications**

**This thermal sensor line is for integrators needing detection and people counting capabilities for connected buildings**

**ULIS will showcase ThermEye Building at IBS, Paris, November 6 – 7, 2018, at booth #E30**

**Grenoble, France, October 29, 2018** – [ULIS](#), a designer and manufacturer of a wide range of innovative thermal image sensors, today announces the launch of ThermEye Building, a thermal sensor line for system integrators of detection and people counting equipment for connected buildings.

The ThermEye Building range includes two new products: ThermEye™-b90 and ThermEye™-b120. These 80x80 thermal sensors provide system integrators with advanced functionalities to detect presence (even when people are immobile) and localize and count people in order to improve capabilities in analyzing human activity and communicate with relevant smart building applications. Coupled with a 90° or 120° field of view (FOV) lens, a single ThermEye Building sensor can cover a zone of 30m<sup>2</sup> (323 ft<sup>2</sup>), equivalent to a meeting room accommodating eight to ten people.

The product range is configured with a conventional video channel (50 images per second) and features an intermittent mode that is compatible with low-power consumption applications.

It only requires one AA battery to run a ThermEye Building sensor when transmitting an image at two-minute intervals.

The advantage of running entirely on batteries means that end-users can deploy these detection, people counting and localization systems in both new and existing buildings.

The solutions developed for the ThermEye Building product line guarantee occupant anonymity and privacy, as there is no facial recognition. This is a plus for integrators wishing to use data to develop other future solutions for smart building applications that improve how facilities optimize space usage and energy management, detect potential fire hotspots and manage people flow during a fire.

“ULIS is invested in the connected buildings market. This novel product demonstrates our commitment to bringing smarter sensing solutions to facility managers,” said Cyrille Trouilleau, smart buildings manager at ULIS. “We have extensive expertise and experience in designing reliable high-resolution thermal image sensors. We are now applying this know-how and industrial rigor to our mass market sensors. ThermEye-b90 and ThermEye-b120 are 80X80 resolution sensors offering the right level of added performance needed for intelligent systems. Our industrial platform based on a disruptive technology that drives costs down will allow us to produce several hundred thousand of these sensors every year for commercial applications.”

ULIS will exhibit ThermEye-b90 and ThermEye-b120 for smart building applications at [IBS](#) in Paris, November 6 - 7, 2018 at booth **#E30**.

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**About ULIS**

ULIS, a subsidiary of Sofradir, designs and manufactures a wide range of innovative thermal image sensors for commercial, defense and security applications. Established in 2002, ULIS has grown to become the world's second largest producer of thermal image sensors (microbolometers), exporting 97% of its products to camera makers across Europe, Asia and North America. ULIS products range from low-resolution to megapixel military-grade sensors. They are used to detect threats, diagnose heat loss, avoid road obstacles, perform air-to air refueling, locate search and rescue victims and observe nature. ULIS is developing new assembly technologies that address trends in autonomous systems for smart buildings (workspace management, energy savings), road safety and in-cabin comfort of vehicles.

ULIS employs 240 staff and is located in Veurey-Voroize, near Grenoble.

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