

Thales launches new thermal imager to master collaborative combat at night as well as in daylight

- Thales launched Sophie Ultima, thermal imager designed to give tactical superiority through collaborative and augmented imaging capability at night and by day
- At 2.5kg Sophie Ultima is the world most lightweight 4-in 1 thermal imager combining tactical binoculars, infrared target locator, daytime laser rangefinder and teleconverter
- With its modular concept, Sophie Ultima is designed to evolve in line with operational requirements and to readily accommodate future technologies and capability upgrades.



Sophie Ultima © Thales – François Guénet

Eurosatory (Paris, France), 11 June 2018 – Thales is taking its Sophie range of thermal imagers to the next level at Eurosatory and presents for the first time Sophie Ultima, a lightweight very high-performance 4-in-1 thermal imager. The new product is ready for connected combat and augmented reality and will help to guarantee tactical superiority both night and day.

Sophie Ultima represents a new generation of 4-in1 thermal imaging devices for dismounted soldiers. It combines tactical binoculars, an infrared target locator, a daytime laser range finder and a teleconverter into a single piece of equipment, significantly reducing size and weight while delivering even higher performance. At 2.5 kg, Sophie Ultima meets the need to progressively reduce the weight of the equipment deployed by armed forces.

Providing significant tactical advantages at night, it makes target identification possible over distances at which competing equipment can only recognise the target type. Most importantly, Sophie Ultima also provides tactical advantages in daytime operations by combining a high-

performance glass day channel with the detection capabilities of infrared imaging. Through its ability to detect body heat at ranges exceeding 1 Km, this technology will allow soldiers to de-camouflage potential enemy soldiers that would previously have been invisible to the naked eye.

With Sophie Ultima, Thales proposes a thermal imager with expanded functionality and augmented performance. This enables it to deliver the benefits of collaborative combat such as augmented reality in a digitalised theatre of operations. Soldiers are able to detect sooner and engage faster, and as a result, strikes are faster, safer and more precise.

The product architecture is fully modular to accommodate future operational requirements and technologies, and includes the new “eXtension” concept, a family of plug & play accessories for future capability upgrades.

Sophie Ultima offers a significantly reduced instruction, training and support footprint thanks to common user interfaces and shared maintenance solutions, while still ensuring that suitable equipment is available for each task and mission. The new Sophie family will cover the needs of operational units from squadron leaders to Special Forces.

In recent years, Thales has sold 15,000 Sophie thermal imagers in 55 countries.

"The armed forces rely on Thales for its expertise in the connectivity, big data, artificial intelligence and cybersecurity technologies that are key to their digital transformation. With Sophie Ultima, the soldier of the future will master the art of collaborative combat day and night," Jean-Pascal Arrou-Vignod, Vice President, Optronics, Thales

Be among the first to discover the new Sophie Ultima and see you on the Thales stand at Eurosatory: B-500 outdoor

About Thales

The people we rely on to make the world go round – they rely on Thales. Our customers come to us with big ambitions: to make life better, to keep us safer. Combining a unique diversity of expertise, talents and cultures, our architects design and deliver extraordinary high-technology solutions. Solutions that make tomorrow possible, today. From the bottom of the oceans to the depths of space and cyberspace, we help our customers think smarter and act faster – mastering ever-greater complexity and every decisive moment along the way. With 65,000 employees in 56 countries, Thales reported sales of €15.8 billion in 2017

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