

Leonardo launches SLX-SuperHawk thermal imaging camera with long-life cooler

- **The SLX-SuperHawk camera, which is designed to last four times as long as comparably-priced cameras without servicing, is on show for the first time during DSEI in London**
- **A sharp image is important when operational scenarios require quick, informed decisions. SLX-Superhawk produces 1280x1024 resolution HD images in total darkness**
- **Leonardo has previously provided high-resolution night vision and vehicle situational awareness cameras for the British Army and Italy's Forza NEC battlefield digitization programme, providing optimum vision for today's 24-hour, all-weather battlefield**

Rome, 9th September 2019 - **Leonardo has announced the launch of its latest Infra-Red (IR) camera** called SLX-SuperHawk, which is on display for the first time at the DSEI exhibition in London, UK (10-13 September). The SLX-SuperHawk makes use of the company's SuperHawk detector, which is made up of more than a million individual infrared pixels, each less than 1/12th the thickness of a human hair. This advanced detector, used in concert with the camera's built-in image-processing, makes it highly capable in meeting long-range surveillance and targeting requirements in challenging environments.

The SLX-SuperHawk boasts an engine life of 40,000 hours, which is four times that of an average medium-wave infra-red thermal imaging camera. Vastly increased engine life offers the user an attractive through-life cost of ownership by reducing the need for regular maintenance and replacement parts.

Able to produce 1280x1024 resolution High Definition (HD) images in total darkness, the camera captures images by sensing temperature differences as small as 1/50th of a degree. Creating a sharper image is important when confronted with operational scenarios that rely on making quick, informed decisions. For example, a blurry image might only show that a person is holding a 'long object', while a sharper image would be able to differentiate a shovel from a rifle. From these images, Armed Forces are able to make better-informed decisions, reducing the risk of harming a civilian.

SLX-SuperHawk qualifies for use in both military and civil applications, including border surveillance, missile guidance, policing, customs control, coastal security and asset protection. The camera can be provided as a stand-alone sensor or integrated as part of a complete surveillance system such as the Company's Nerio family of stabilised multi sensor mounts. Leonardo has previously provided night vision and vehicle situational awareness cameras for the British Army and Italy's Forza NEC battlefield digitization programme and is currently working to upgrade the majority of the Danish Army's land vehicles.

Leonardo, a global high-technology company, is among the top ten world players in Aerospace, Defence and Security and Italy's main industrial company. Organized into five business divisions, Leonardo has a significant industrial presence in Italy, the United Kingdom, Poland and the USA, where it also operates through subsidiaries such as Leonardo DRS (defense electronics), and joint ventures and partnerships: ATR, MBDA, Telespazio, Thales Alenia Space and Avio. Leonardo competes in the most important international markets by leveraging its areas of technological and product leadership (Helicopters, Aircraft, Aerostructures, Electronics, Cyber Security and Space). Listed on the Milan Stock Exchange (LDO), in 2018 Leonardo recorded consolidated revenues of €12.2 billion and invested €1.4 billion in Research and Development. The Group has been part of the Dow Jones Sustainability Index since 2010.