
HENSOLDT to deliver Electro-Optical System, ARGOS-II HD, to ESG Elektroniksystem- und Logistik-GmbH for the use in the German Federal Police helicopter fleet

HENSOLDT's Optronics business line has been selected by ESG Elektroniksystem- und Logistik-GmbH for a three-year supply contract to deliver EO/IR systems to a central European NATO Mol end-user. The EO/IR system of choice, the ARGOS-II HD, will form part of a fleet-wide mission equipment replacement program in the German Federal Police helicopter fleet.

Oberkochen, Germany, 24th July 2018 – The Argos-II HD forms part of the ESG mission system PTA^{NG} (Polizeitaktischer Arbeitsplatz). The awarded order was part of a NATO-wide tender. This central European Federal Police client is renowned in the market for their thorough technical evaluation as the most advanced and best-equipped police force within Europe.

“The Argos II is one of the most advanced EO/IR Systems available in the Global marketplace today. With a ‘made in Germany’ High Definition Thermal Imager as well as state-of-the-art sensor suite, this powerful package addresses the needs of every client serious about Airborne Observation - thereby addressing the needs of both Police as well as Defence related requirements. The Airborne Service Centre located in Southern Germany ensures a rapid turn-around time for regular maintenance intervals for all fielded systems,” explains Andreas Hülle, CEO of HENSOLDT's Optronics business line.

The ARGOS-II HD gimbal was specifically designed for Intelligence, Surveillance, and Reconnaissance (ISR) missions. The gimbal consists of a mid-wave megapixel HD thermal imager (MWIR) and a multi-spectral HDTV camera, both featuring continuous optical and electronic zoom capability. An optional multi-spectral HDTV spotter camera enables longer range target identification. The ARGOS-II is centred on a fully integrated, Stabilized Turret Assembly, providing best-in-class stabilization.

An internal Inertial Measurement Unit (IMU) and GPS enable accurate GEO-location of ground targets and steering or tracking of the system's line of sight to pre-defined GPS locations, providing commanders with real-time intelligence in areas of operational interest while the integral auto tracker function provides tracking of moving or static targets in the line of sight.

Advanced image processing functions, including picture-in-picture display, edge enhancement, haze penetration, pseudo colours and day/thermal image fusion provide optimized image performance for varying operational conditions.

The ARGOS-II Airborne Observation System is designed for installation on helicopters, fixed wing aircraft and unmanned aerial vehicles to provide observation and targeting capabilities for military, border and maritime patrol and law enforcement missions.

About HENSOLDT

HENSOLDT is a global pioneer of technology and innovation in the area of defence and security electronics. The company is a market leader in civilian and military sensor solutions, developing new products to counter evolving threats based on disruptive concepts in such fields as big data, robotics and cyber security. With a workforce of some 4,300 employees, HENSOLDT generates revenues of more than 1 billion euros per year.

Since 1896 the name of Hensoldt has stood for combat-proven, reliable and precise targeting and observation optics for handguns right up to heavy weapon systems. The product range of HENSOLDT Optronics includes optical units, sights, spotters, night vision devices and image intensifiers. With approximately 800 employees at its German sites in Oberkochen and Wetzlar as well as in Irene (South Africa), Belo Horizonte (Brazil), Seoul (South Korea) and Sidi bel Abbès (Algeria), HENSOLDT Optronics, previously known as Carl Zeiss Optronics and now a business line of HENSOLDT Holding Germany, develops, designs and produces optronic, optical and precision-engineered products for military, civil and security applications.

www.hensoldt.net

Photo captions



HENSOLDT's Electro-Optical System ARGOS-II HD



ESG's mission system PTANG (Polizeitaktischer Arbeitsplatz)

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