

SCHIEBEL INTEGRATES UNRIVALED MARITIME SURFACE SEARCH CAPABILITY BY OVERWATCH IMAGING

Vienna, 2 May 2018 – Schiebel and Overwatch Imaging successfully integrated PT8 Oceanwatch, a revolutionary small target detection payload, on the CAMCOPTER® S-100 Unmanned Air System (UAS).

The PT-8 Oceanwatch delivers an image-based wide area maritime search capability that significantly extends the coverage area and makes the CAMCOPTER® S-100 an even more powerful naval patrol solution. Oceanwatch autonomously detects small targets on the ocean surface, solving the challenge of searching for small objects over vast areas and greatly outperforming conventional cameras that face insurmountably large areas when zoomed in and invisible targets when zoomed out.

“Because of its proven performance and multi-payload capabilities, the S-100 is already the most successful maritime vertical takeoff and landing UAS,” notes Hans Georg Schiebel, Chairman of the Schiebel Group. “Fitted with powerful payloads such as Oceanwatch and a best-in-class electro-optical/infra-red (EO/IR) gimbal, it provides an unsurpassed capacity for a range of mission-critical naval operations.”

Featuring a user-friendly interface, Oceanwatch is an ideal solution for a number of applications such as intelligence, surveillance and reconnaissance gathering, search and rescue, anti-piracy and countless other maritime security operations.

“The best part is that all the important work happens on board so there is no loss in quality because of datalink compression,” adds Greg Davis, Founder and Manager of Overwatch Imaging. “It is optimized for higher operating altitudes and longer ranges than other systems and provides positive identification at market leading ranges when combined with a Wescam MX-10. And the camera never blinks, takes a break or gets distracted.”

About Schiebel: Founded in 1951, the Vienna-based Schiebel Group focuses on the development, testing and production of state-of-the-art mine detection equipment and the revolutionary CAMCOPTER® S-100 Unmanned Air System (UAS). Schiebel has built an international reputation for producing quality defense and humanitarian products, which are backed by exceptional after-sales service and support. Since 2010, Schiebel’s composite division supplies high-tech customers with products of supreme carbon fiber technology – all quality-controlled to meet ISO 9001 standards. With headquarters in Vienna (Austria), Schiebel now maintains production facilities in Wiener Neustadt (Austria) and Abu Dhabi (UAE), as well as offices in Washington DC (USA) and Phnom Penh (Cambodia).

About the CAMCOPTER® S-100: Schiebel’s CAMCOPTER® S-100 Unmanned Air System (UAS) is an operationally proven capability for military and civilian applications. The Vertical Takeoff and Landing (VTOL) UAS requires no prepared area or supporting equipment to enable launch and recovery. It operates in day and night, under adverse weather conditions, with a beyond line-of-sight capability out to 200 km, over land and sea. Its carbon fiber and titanium fuselage provides capacity for a wide range of payload/endurance combinations up to a service ceiling of 18,000 ft. In a typical configuration, the CAMCOPTER® S-100 carries a 75 lbs/34 kg payload up to 10 hours and is powered with AVGas or JP-5 heavy fuel. High-definition payload imagery is transmitted to the control station in real time. In addition to its standard GPS waypoint or manual navigation, the S-100 can successfully operate in environments where GPS is not available, with missions planned and controlled via a simple point-and-click graphical user interface. The high-tech unmanned helicopter is backed by Schiebel’s excellent customer support and training services.

About Overwatch Imaging: Overwatch Imaging specializes in precision aerial photography from small- and medium-sized unmanned aircraft systems (UAS). Utilizing military-grade technology and cutting-edge industrial electronics, Overwatch provides unique photoanalysis and precision survey solutions tailored for long-endurance, widearea applications at large scale. Overwatch camera systems cover multiple spectral bands and offer scalable resolution options, allowing users to easily collect the intelligence they need, quickly and accurately. Overwatch onboard image processing reduces operator workload and delivers answers in real time.