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CAMCOPTER® S-101  
UNMANNED AIR SYSTEM



THE NEW UNMANNED  
**STANDARD**  
IN DEFENCE

# Schiebel CAMCOPTER® S-101

## THE NEW UNMANNED STANDARD IN DEFENCE



**SCHIEBEL**  
DEFENCE

The CAMCOPTER® S-101 is a military-grade Vertical Takeoff and Landing (VTOL) rotary Unmanned Air System (UAS) developed by Schiebel Defence GmbH to deliver tactical superiority in today's fast-moving and contested battlespace. As a compact and agile platform with a low signature, the S-101 is engineered for frontline deployment, supporting Intelligence, Surveillance, Target Acquisition and Reconnaissance (ISTAR), as well as delivering close air support in direct coordination with ground forces.

With an endurance of 6 to 10 hours and a maximum payload of 50 kg, the S-101 is capable of a broad range of tactical missions. It can be equipped with EO/IR sensors, communication systems, electronic warfare payloads, or light precision-guided munition such as multi role missiles. Designed for day and night operations and optimised for quick turnaround times, the system ensures rapid responsiveness, persistent surveillance and delivery of effectors on the battlefield.

The CAMCOPTER® S-101 runs on heavy fuel and requires minimal logistical support, making it ideal for expeditionary use and deployment from unprepared sites. Its proven VTOL capability ensures operational flexibility across both land and maritime environments. When operated in tandem with the larger CAMCOPTER® S-301, the S-101 serves as a tactical force multiplier. While the S-301 delivers impressive endurance, operational level surveillance, long-range targeting, and the integration of other advanced sensors, the S-101 provides agile reconnaissance, responsive targeting, and precision effects delivery in the tactical battlespace. Together, they form a scalable and networked UAS capability, enabling layered awareness, distributed operations, and operational dominance.

The S-101 is a purpose-built aircraft within Schiebel Defence GmbH's dedicated military UAS portfolio – tailored for modern conflict and optimised for integrated, complex, multi-domain operations.

**CAMCOPTER® S-101**  
UNMANNED AIR SYSTEM



SEG6930900



CAMCOPTER® S-101 equipped with EO/IR, Radar and Effectors

### CAMCOPTER® S-101 Technical Data



1240 mm (49")



3110 mm (122")

**Maximum airspeed ( $V_{NE}$ ):** 120 kts (220 km/h) IAS  
**Data link range:** Up to 200 km (108 nm)  
**Payload capacity (excl. fuel):** 50 kg (110 lb)

**MTO weight:** 200 kg (441 lb)  
**Endurance:** > 6 h; with optional fuel tank extending endurance to >10 hours in ISA conditions