

DEFENCE

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CAMCOPTER® S-301
UNMANNED AIR SYSTEM



THE NEW UNMANNED
STANDARD
IN DEFENCE

Schiebel CAMCOPTER® S-301

THE NEW UNMANNED STANDARD IN DEFENCE



Developed by Schiebel Defence, the CAMCOPTER® S-301 is a high-performance, next generation Unmanned Air System (UAS) designed for demanding military operations across all domains.

Built for use in complex, high-threat environments, the S-301 delivers Intelligence, Surveillance, Target Acquisition and Reconnaissance (ISTAR), supports force protection, and can deliver a wide range of mission-critical effectors, with unmatched endurance and payload capacity. Whether deployed by land forces, special operations units, or naval forces, the S-301 provides persistent, reliable overwatch, situational dominance, and operational reach in the most challenging conditions.

With an endurance of up to 24 hours and a maximum gross payload capacity of 340 kg, the S-301 supports a broad range of military operations, from ISTAR to tactical support and secondary roles. The platform can be equipped with manned equivalent high resolution EO/IR sensors, the latest maritime radars, electronic warfare systems, sonar buoys and other mission-specific payloads, and significantly is also designed to carry and deploy multiple precision-guided or loitering munitions.

Its aviation proven heavy-fuel engine, optimised for military logistics and naval operations, ensures unparalleled reliability and performance throughout its flight envelope, whether from confined area land based operating sites to single spot ships. The S-301 also supports underslung cargo carrying, offering additional flexibility for ship to ship support or last mile resupply tasks.

The CAMCOPTER® S-301 reflects the core mission of Schiebel Defence, to deliver unequalled, future-proof UAS capabilities that empower military users with greater range, resilience, and autonomy across all domains. Designed as part of a scalable UAS family, the S-301 is complemented by the smaller CAMCOPTER® S-101 for tactical and short-range missions.

CAMCOPTER® S-301 UNMANNED AIR SYSTEM



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CAMCOPTER® S-301 equipped with EO/IR, Maritime Radar and Effectors



CAMCOPTER® S-301 equipped with EO/IR, Maritime Radar and Sonobuoy Launcher

CAMCOPTER® S-301 Technical Data



1720 mm (35.4")



4850 mm (190.9")

Maximum airspeed (V_{NE}): 120 kts (220 km/h) IAS
Data link range: Up to 200 km (108 nm), SATCOM capable
Payload capacity (incl. fuel): 340 kg (750 lb)

MTO weight: 660 kg (1455 lb)
Endurance: Up to 24 h with 50 kg (110 lb) payload,
typically 6 h with 250 kg (551 lb) payload in ISA conditions