

CAMCOPTER® S-100
UNMANNED AIR SYSTEM



MULTI-ROLE
MULTI-DOMAIN

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Schiebel CAMCOPTER® S-100

PROVEN. VERSATILE. MISSION-READY.

The CAMCOPTER® S-100 is a Vertical Takeoff and Landing (VTOL) Unmanned Air System (UAS) that combines unmatched performance with the flexibility required for a wide range of civil, military, and governmental missions. Operationally proven on five continents, the S-100 is trusted by navies, coast guards, emergency services, and industrial users alike.

With an endurance of up to 10 hours and a maximum payload capacity of 50 kg, the S-100 supports a variety of mission payloads, including EO/IR gimbals, maritime radar, LiDAR, communication relays, and environmental sensors. Its modular architecture allows rapid payload swaps as well as underslung cargo operations and other mission-specific configurations.

The system operates day and night, in all-weather conditions, and from land or sea-based platforms – including moving vessels – without the need for launch or recovery equipment. It supports multiple fuel types including JP-5, JP-8, and Jet A-1, conducts autonomous operation including GPS-denied navigation, and requires minimal logistical support.

With several hundred thousand flight hours accumulated in complex operational environments, the CAMCOPTER® S-100 is a proven asset for missions ranging from ISR and Search and Rescue to border control, disaster relief, and maritime domain awareness.

Together with the heavy-lift CAMCOPTER® S-300, it forms a scalable and mission-adaptable VTOL UAS family for operations across all domains.

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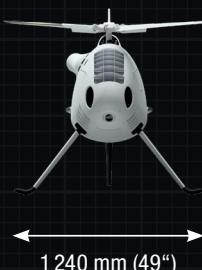
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SCHIEBEL



CAMCOPTER® S-100 equipped with EO/IR, Radar and Mobile Phone Detector

CAMCOPTER® S-100 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 (incl. fuel): 50 kg (110 lb)

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