

# HALCON

## REACH-S

FIXED  
FOR SUCCESS.  
UNCOMPROMISING  
RANGE.



REACH-S is a fixed wing drone possessing a take-off weight of 640kg and can carry a payload of up to 120kg. It can attain altitude of 19,000 feet, reaching a cruising speed of 145km/h. The drone has a wingspan of 12m and a length of 5.5m. REACH-S has a communications range of 200km, and is suitable for recon missions with its reusable functionality and 24-hour endurance.

# S P E C I F I C A T I O N S

---

## TECHNICAL FEATURES

Fully automatic flight system

---

Auto takeoff and landing system

---

Fault-tolerant

---

Redundant flight control system

---

Redundant servo actuators

---

Redundant power system

## SPECIFICATIONS

<b>Communication range</b>	200 km
<b>Cruise speed</b>	145 km/h
<b>Maximum speed</b>	200 km
<b>Operational altitude</b>	19,000 ft
<b>Endurance</b>	24 hrs
<b>Wing span</b>	12 m
<b>Length</b>	5.5 m
<b>Takeoff / Landing</b>	Runway (Automatic)
<b>Maximum takeoff weight</b>	640 kg
<b>Payload capacity</b>	120 kg
<b>Fuel type</b>	Gasoline
<b>Engine type</b>	110 hp

