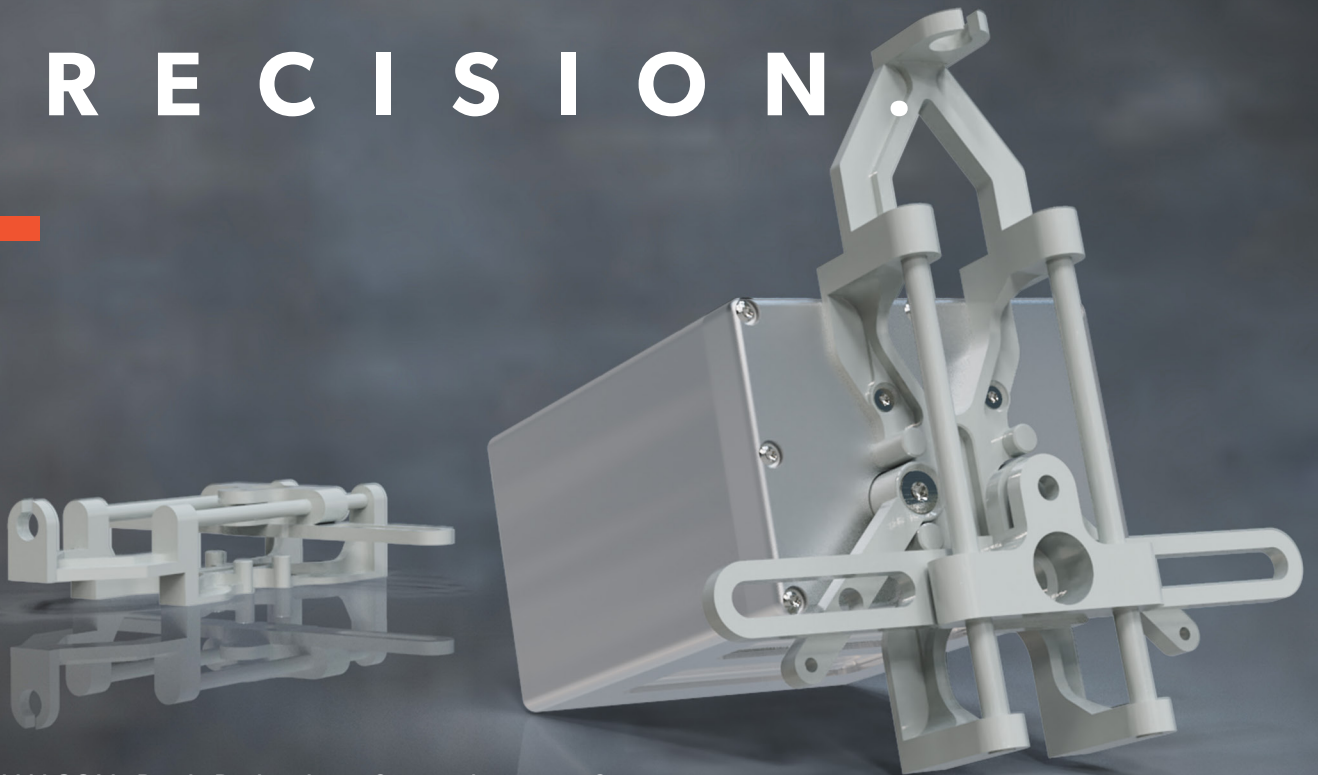


HALCON

DUAL REDUNDANT SERVO ACTUATOR

DELIVERING
RELIABILITY.
DELIVERING
PRECISION.



The HALCON Dual Redundant Servo Actuator System was developed and designed as a key component of the flight control system of modern UAVs. Due to its robust and advanced control system and redundant communication architecture, the system provides fail-safe and jitter-less performance.

halcon.ae

SPECIFICATIONS

PERFORMANCE

Power:	80 W
Nominal speed:	22 rpm
Max. continuous torque:	1.4 N.m
Max. torque:	3.6 N.m
Operating temperature:	-40 to 70 °C
Travel distance:	88mm

APPLICATIONS

Unmanned aerial systems

Control surfaces

Utility actuation

INPUT VOLTAGE/POWER

Operating range:	18-28 V DC
Typical voltage:	24 V DC
Standby current:	70 mA

FEATURES

High power to weight performance

Dual redundant communication

Brushless permanent magnet DC motor

Robust & high fidelity controller design

Gradual stall for overload protection

Advanced error detection & failsafe measures

Precision CNC machined aerospace grade aluminum casing

MASS

Weight: 700g

