



JERNAS-S

EXTENDED LOITERING. COMPACT PERFORMANCE.

MEDIUM-ALTITUDE, LONG-ENDURANCE, COMPACT UAV

The ADASI JERNAS-S S is a medium-altitude, long-endurance, compact UAV designed for intelligence, surveillance and reconnaissance, as well as tactical intelligence, targeting and ground attack. The UAV can carry electro-optical, radar and electronic warfare equipment or either four DS-16 or four Rash-2 munitions.

With a 15-hour ISR endurance and 10-hour fully configured endurance, the fixed-wing JERNAS-S provides extended airborne capabilities in a compact form factor.



SPECIFICATIONS

KEY FEATURES

- Compact size
- 15-hour maximum endurance
- Suitable for ISR, targeting and ground attacks

TECHNICAL DATA

Empty weight	320 kg
MTOW	630 kg
Wingspan	8 m
Propulsion	
Engine	Zongshen CA520TI
Engine type	4-stroke, 4-cylinder with turbocharger
Take-off performance	115 hp - 5800 rpm
Fuel Type	95 gasoline
Fuel capacity	250 L
Fuel consumption	13.5 L/hr
Max /cruising speed	240/220 km/hr
Endurance (ISR/max payload)	15/10 hr
Range LOS	200 km
Max altitude	24,000 ft
Mission payload	155 kg
Sensor	EO/Radar/EW
Weapon	4x DS-16 / 4x Rash-2