

RN SERIES

RN-1

The RN-1 is a high-performance unmanned aerial system (UAS) designed for endurance, reliability, and versatility. Its fixed-wing design and robust landing gear enable stable runway-based takeoffs and landings. With over 12 hours of endurance, it supports extended surveillance, reconnaissance, and data-gathering missions with minimal refueling or battery changes. The RN-1 has a 45 kg maximum takeoff weight (MTOW) and can carry up to 11 kg of payload, ensuring efficient, long-duration operations with enhanced mission readiness.



FLIGHT RANGE UP TO **1300 KM** OPERATING ALTITUDE UP TO **4700 KM**

COMPETITIVE ADVANTAGES

Featuring cutting-edge technology and improved capabilities, delivering exceptional performance, reliability, and efficiency across diverse applications.

Customizable to end-user

Payload Capacity	Up to 11 kg
Video Data Link Range	240 km
Endurance	12+ hrs
Cruising Speed	100 km/h
Range of Speed	80-140 km/h
Operating Altitude	Up to 4700 m
Flight Range	Up to 1300 km
Wingspan	5 m
Length	2.85 m
Dry Weight	22 kg
MTOW (Take-Off Weight)	45 kg
Launch System	Take off using runway
Recovery System	Land using runway
Power Supply	100 cc Hybrid engine, runs on 91 gasoline



240 km
Video Data Link Range



12+ hours
Endurance



Up to 11 kg
Payload Capacity



100 cc

Hybrid Engine and 800W
Power Supply