

# NISHAN MK-II

## AERIAL TARGET SYSTEM



### Specifications:

Role	Aerial Target
Wingspan	2.87 m (9 ft. 2 in)
Length	3.06 m (9 ft. 8 in)
Height	0.89 m (2 ft. 7 in)
Wing Area	2.42 sq. m (26 sq. ft.)
Dry Weight	30.0 kg (66 lb)
Max. take off weight	60 kg (132 lb)
Fuel Capacity	18 litres
Power plant	25 BHP Two-cylinder piston engine 30 BHP Optional
Speed Range	250-300 kmph (150 – 187 mph)
Range (GPS/Autonomous)	35 km (21.9 miles)
Endurance	1 hour
Ceiling	2000 m (~6500 ft.)
Recovery	Skid landing or parachute
Stabilization & Navigation	AP-5000 Digital Autopilot with Heading & Height-lock
Tracking & Telemetry	ID-TM6 GPS and data telemetry module; GCS-1200 Ground Station; ATPS-1200 Antenna Tracking system.
Payload Capacity	12 kg (26.4 lb)
Typical Payloads	Up to 24 smoke Flares. Up to 16 infra-red Flares. Combinations of Flares may be carried and activated as required. Hot Nose Cone IR source, Chaff dispensing pods. 'Sea skimming' Module, Surveillance Real Time camera Module, Acoustic and Doppler Radar MDI. Passive/Active radar enhancements. System payloads may be mixed and most carried simultaneously.