

# NISHAN Mk - II

## AERIAL TARGET SYSTEM



## Specifications:

|                            |   |
|----------------------------|---|
| Role                       | Aerial Target   |
| Flight Modes               | RPV/UAV   |
| Wingspan                   | 2.2 m (7 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                 | 16 kg (35 lb)   |
| Max Take off weight        | 35 kg (77 lb)   |
| Fuel Capacity              | 20 litres   |
| Power Plant                | 25 bhp IC engine  |
| Speed Range                | 250 - 300 kmph (150 -187 mph)   |
| Range (GPS/Autonomous)     | 20-30 km (18.75 miles)  |
| Endurance                  | 60 minutes  |
| Ceiling                    | 3000 m (10000 ft.)  |
| Launch & Recovery          | Skid landing or parachute   |
| Stabilization & Navigation | IFCS-6000 Integrated Flight Control System  |
| Tracking & Telemetry       | ID-TM6 GPS and data telemetry module; GCS-1200 Ground Station; ATPS-1200 Antenna Tracking System.   |
| Payload Capacity           | 5 kg (11 lb)  |
| Typical Payloads           | Up to 8 smoke Flares. Up to 8 infra-red Flares. Combinations of Flares may be carried and activated as required. Radar altimeter module. Surveillance module, acoustic and Doppler Radar MDI system. Payloads may be mixed and most carried simultaneously. |