

SUAV RAVEN DDL

(small unmanned aerial vehicle)



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Unmanned Air Vehicle Classification

Micro
Small
Medium
Heavy

Less	2 Kg
Less	20 Kg
Less	200 Kg
More	200 Kg



RAVEN SQUAD CAPABILITIES

- **Road recon and surveillance**
- **Force Protection**
- **Target Acquisition**
- **Monitoring on suspicious activities**
- **Monitoring of the Areas of Interest**
- **Battle Damage Assessment (BDA)**
- **Interaction with BFSR (Radar Identify Obj and SUAV check on it).**

SYSTEM SPECIFICATIONS

- **Range:** 10 km.
from Ground Control Station (G.C.S.)
in Line Of Sight (L.O.S.) ;
- **Endurance:** from 60' to 90'
with good weather conditions;
- **Operational Altitude:**
between 300ft and 500 ft
Above Ground Level (AGL);
- **Speed:** 26 knots (45 Km/h);

SYSTEM SPECIFICATIONS

- **Weight:** 2 Kg. with payload;
- **Wingspan:** 1300 mm.;
- **Lenght:** 1000 mm.;
- **Engine:** Electric LI-Ion battery alimentation;

SYSTEM SPECIFICATIONS

- **Frequencies**: 4 pre-loaded channel;
- **Cameras**: IR (Night/Day), EO (Day);
- **Operative Temp**: -10°/+ 45°C;
- **Manual launch for take-off**.

SYSTEM LIMITS

- Wind 18 kts
- Temperature -10° + 45°
- Heavy rain
- Strong turbulence (sand storm)
- Launch area clears (50 m)



TEAM IN ACTION





QUESTION TIME



