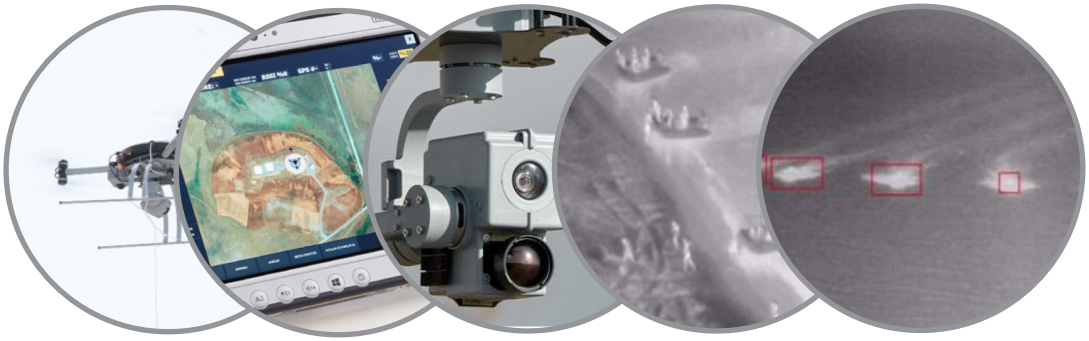
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TEPEGÖZ

TETHERED PERSISTENT SURVEILLANCE SYSTEM

TEPEGÖZ Tethered Multi-Rotor Surveillance System is designed to provide jamming resistant long-term protection and early warning capability for critical facilities and forward operating bases.





TEPEGÖZ

TETHERED PERSISTENT SURVEILLANCE SYSTEM

Applications:

- Persistent Surveillance and Intelligence
- Expeditionary Force Protection
- Forward Observer Role
- Emergency Management
- Road Traffic Information
- Fire Detection and Early Warning
- Border and Coastal Security
- Search and Rescue Support
- Static/Moving Operation

Features:

- Autonomous Take-off/Mission/Landing
- Long Term Surveillence and Perimeter Protection
- Jam Proof Communications
- Moving Target Indicator and Alert Software
- Moving Target Tracking Software
- Augmented Reality and Georeferenced Decision Support
- Emergency Battery on UAV

Technical Specifications:

- Size (Air Vehicle) : 114/104/48 cm (L/W/H)
- Weight : <7.5 kg
- Power Source : 220 Volt 2KW AC and UPS
- Operational Height : 50 m
- Operational Temperature : -15°C /+52°C

Ground Control Station:

- Electrically Driven Mobile Ground Station
- Winch System with Automatic Tension Control
- Solar Panel Supported Power System (Optional)
- Military Digital Map Support
- Real Time Video Streaming and Recording

Payload:

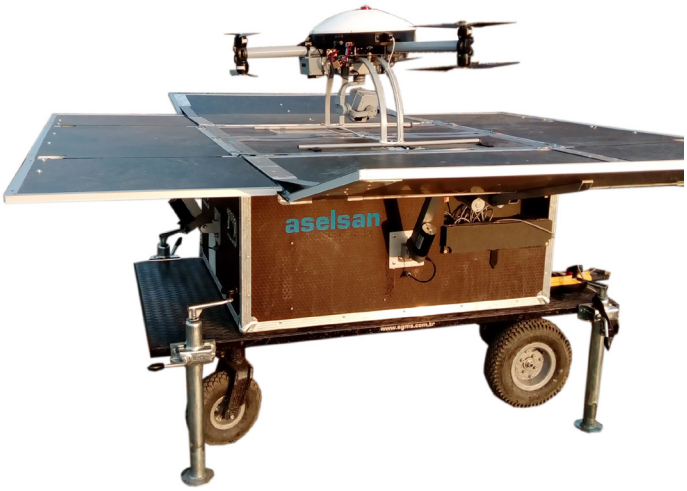
- 3 Axis Stabilized Integrated Daylight/IR Camera
- 2 Axis Stabilized Daylight Camera

IR CAMERA:

- Uncooled Long Wave Infrared Camera
- Field of View : 17.6 °(± %10)
- Digital Zoom : 2x & 4x
- Detector Resolution : 640x480

DAY TV CAMERA – 30x:

- Field of View : Wide 63 °(± %10)
  : Narrow 2.3 °(±%10)
- Optical/Digital Zoom : Optic 30x
  : Digital 12x
- Resolution (Modul) : 720 p and 1080 p



Specifications are subject to change without any notice. | All tolerances are within ±10%.

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ASELSAN A.Ş. is a Turkish Armed Forces Foundation company.