Ground Observer 20 MM
Win decisive seconds in C-UAV - regain battlefield supremacy

Full Threat Spectrum Force Protection

- Unique simultaneous low level air and ground surveillance
- High update rate for large coverage volume
- Man-portable and set-up within 5 minutes
- Power autonomous operation in the field
Operational Advantages

- **True multi-mission radar**
  Continuous 360° surveillance providing 3D target detection suited for full spectrum of ground and UAV targets. Simultaneous low level air and ground surveillance enables comprehensive force, camp and asset protection.

- **High update rate and long detection range**
  For large coverage volume while allowing detection of slow air and ground targets. Significant gain in reaction time for warning and countermeasures.

- **Designed for flexible deployment**
  Compact medium weight package allowing man-carry with operations on tripod, installation/transport on small vehicles or 24/7 fixed site operation with minimum infrastructure.

- **Qualified and certified for worldwide use**
  Reliability (MTBF > 5000 h) and MIL-spec design from proven Thales Ground Observer family for worldwide operation. No scheduled maintenance. Developed and produced in Germany.

Service & Support Solutions

- **Thales support through the entire lifecycle**
  Keeping systems operational and up-to-date through long term service & support solutions by Thales.

Features

- **Simple: One single surveillance mode**
- **3D: Height information**
- **Automatic Target Classification**
- **State-of-the-art C4I interfaces (option)**

Key Parameters

- **X-band allowing worldwide military use**
- **Coverage up to 15 km**
  - High update rate (0.5s) with 360° rotation
  - High elevation coverage for UAV detection
  - Low minimum range (300 m)
- **Suits very slow as well as fast targets**
- **Detection ranges**
  - Micro UAV (0.01 m²): 4 km
  - Mini UAV (0.1 m²): 6 km
  - Person (0.5 m²): 9 km
  - Light vehicle (2 m²): 13 km
  - Vehicle (10 m²): 15 km
  - Helicopter (5 m²): 15 * km

* Limited by instrumented range

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