

Taking air surveillance to the next level

Ground Master 400 α

3D Long Range Air Surveillance Radar

- | Unmatched field-proven detection performance, from low, slow, small to highly maneuvering threats
- | Outstanding processing power: Continuous performance improvement, always in the lead
- | Exceptional survivability via its unique capability to operate on a truck
- | World's most popular 3D long-range radar family over the last 10 years



Now you see it

Ground Master 400 α



Missions Aplenty

With simultaneous high, medium and low altitude detection on a large variety of targets from UAVs to Tactical Ballistic Missiles, the GM400 α shows outstanding performance at each scan, in all elevations up to 40° over a large spectrum of RCS, for an extended target velocity domain, with both Mode S and Mode 5 interrogations.

See everything with every scan

Unmatched Deployability and Survivability

Thanks to a truck mounted operation capability, the GM400 α features a very short tactical encamp-decamp time. In addition, switching from a fixed position on a tower to truck operation is swift thanks to a unique compact ISO 20-foot container with an embedded lifting system. Combined with decoys, the GM400 α provides the user with rare survivability potential for a long-range radar.

Operate where and when you decide

Excellence and Reliability from Day One

With more than 75 GM400 sold worldwide in more than 15 countries, trust is long established from on time product delivery with the right level of quality to lasting reliability and performance in the years ahead. A Software-defined Radar, the GM400 α continuously delivers the highest level of functionality and performance with software updates featuring artificial intelligence to address new threats, electronic warfare and cybersecurity attacks for today and tomorrow.

Keep your radar at the highest standards

Detection Domain

- | Instrumented range: 515 Km
- | Ceiling: Up to 100,000 feet
- | Elevation coverage: 40°

Key Features

- | Powerful processing
- | Update rate: 6s
- | S-Band with GaN technology
- | Full digital stacked beam
 - Active Tracking (TBM)
 - Windfarm filter
 - AI-powered algorithms
 - SSR/IFF MkXIIA(S)
- | Deployment time: <1 hour
- | Operational availability: >98.5%
- | MTBCF: 3,500 hour (Fixed)/3,000 hour (Mobile)
- | MTTR: <30 min
- | Predictive maintenance: 30 hours/year



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