A I R  D E F E N C E
GROUND MASTER 60
Tactical Search-On-The-Move Air Defence Radar

DESIGNED FOR NEW MANEUVER WARFARE

- Target designation for short and very short air defence weapon systems
- Sense and Warn Rocket Artillery Mortar (RAM) rounds
- Low, slow, small UAVs detection
- Modular and flexible design
- GaN technology
EARLY WARNING AND DECISIVE 3D TARGET DESIGNATION

➢ All types of targets: Fighters, helicopters, cruise missiles, UAVs, and RAM at double the market range
➢ Complete volume coverage at every scan enabling fast track initiation
➢ Capacity to detect incoming rockets, artillery and mortar rounds with the right accuracy to engage
➢ SSR/IFF MkXIIA Interrogator/Extractor

MOBILE AND TACTICAL RADAR

➢ A unique integrated design offering multiple and versatile battlefield deployments and swift transport options (Mobile forces Protection, Point/Area Defence, Gap filler…)
➢ Embedded power generator
➢ Easy integration to a local or remote Command and Control (C2) system or weapon system terminal
➢ Rapid setup: 10 min
➢ Encamp-decamp time < 2 min

RELIABILITY

➢ Mean Time Between Critical Failure (MTBCF): Up to 2,500 hours
➢ High level of redundancies
➢ Optical fibers for RF signals
➢ Air cooled GaN solid state transmitter
➢ Scheduled maintenance with limited team

DETECTION DOMAIN

➢ Instrumented range 80 km (150 km in option)
➢ Minimum detection range: 900 m
➢ Ceiling: up to 80,000 feet
➢ Elevation coverage: +70°

KEY FEATURES

➢ Update rate: 1.5 s
➢ S-Band
➢ Full Doppler waveforms
➢ Electronic Counter Counter Measures (ECCM) capabilities
➢ Electronic stabilization
➢ Full digital stacked beam
➢ Modular & flexible design