



AIR DEFENSE RADAR

#Radar



aselsan



## AIR DEFENSE RADAR

KALKAN II is a mobile X band phased array 3D search and track radar for point and area defense of critical military and civilian assets. KALKAN II offers an instrumented range of 120 km and can track multiple targets accurately, adding classification and identification information to each target track.

KALKAN II is a phased array radar with multi-beam architecture optimized for search and track functions. The system employs advanced electronic protection measures; it uses digital pulse compression for high range resolution, low transmission power and pulse coding.

KALKAN II is a compact and easy-to-use standalone radar system with sensor on a trailer towed by a tactical truck. The system includes built-in IFF, north finding sensor, two power generators, radio and GPS. KALKAN II can send target and jammer reports to Command Control Systems over its radio and can receive commands from the C2 system.



### Applications

- Point and Area Air Defense Of Critical Assets
- Integration to Air Defense Missile Systems & Command Control Systems or a Radar Sensor in Self-Operating Mode

### Features

- 3D Detection and Tracking Fighters, Helicopters, Hovering Helicopters, Unmanned Air Vehicles (UAVs), Cruise Missiles
- Multiple Target Tracking
- Classification of Targets
- Identification of Targets with Integrated Mode 5 IFF
- Jammer Direction Finding
- Remote Operation with Command Control System
- Transportable with Its Own Tactical Truck Having Power and Communication Subsystems

### Technical Specifications

- Operating Frequency : X-Band
- Instrumented Range : >120 km

Specifications are subject to change without any notice. | All tolerances are within  $\pm 10\%$ .

