



ROSA

Detect and Track with Ease

Detection and Tracking of Multiple Targets Even in Adverse Weather Conditions.

- ▶ Automatic detection and tracking of not less than 50 moving objects;
- ▶ Automatic space survey in azimuth plane in assigned sector;
- ▶ In-built satellite navigation system;
- ▶ Moving objects selection system.

ROSA radar reliably detects and simultaneously tracks at least 40 moving targets with high precision. It automatically scans the secured area in azimuth plane, supports selection of most critical areas instantly alarming the operator about any target detected. ROSA incorporates satellite navigation system and can be easily coupled with electro-optical module for target visualization.

Main characteristics:

- Frequency range, MHz: 9440 – 9470
- Resolution as per the pinpoint target position (coordinates), °, not more:
 - - in azimuth : 6
 - - in range: 15
 - Position determination error:
 - - in azimuth, °, not more: 1
 - - in range, °, not more: 5
 - Detection range, km:
 - - human, km, not less: 8
 - - car, km, not less: 12
 - - truck, km, not less: 15
 - Operating temperature range, °C: 50 to +50



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