



Credo-1E

The Credo-1E unified moving ground target locating radar is designed to detect moving ground, surface and low-flying targets (man, group of people, vehicles) and to support artillery fire round-the-clock, in any season, and under zero visibility conditions (fog, smoke, and dust).

It can be used as a standalone surveillance asset (with its transceiver and antenna control unit mounted on a tripod) or as part of a variety of artillery reconnaissance and mobile observation posts (on telescopic masts).

The radar has standard interfaces allowing real-time transmission of target coordinates to the user, as well as remote radar control via communication links.

The radar includes:

- transceiver with antenna;
- precision azimuth/elevation drive with a current collector;
- preprocessing unit;
- control and display console.

Main characteristics:

- Frequency band: J
- Coverage area:
 - range, km: 0,2 to 40
 - azimuth, deg: 360
 - elevation, deg: ± 18
- Scan sector in azimuth, deg: 30 to 180
- Moving target detection range, km:
 - man: 15
 - 155mm shell burst: 15
 - tank: 40
 - tanker: 40
- Target coordinate measurement error:
 - range, m: 10
 - azimuth, mil: 00-02
- Number of tracked target paths: >20
- Emplacement (displacement) time, min: 5
- Weight, kg: 100



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