



MODERNIZED SURVEILLANCE-ACQUISITION RADAR P-12M



Operational use: used in anti-aircraft systems for detection and tracking of air vehicles

Surveillance - Acquisition Radar P-12M enables:

- Radar data acquisition and digital processing,
- Target revealing with high detection probability and low false alarm probability,
- Determining of targets moving parameters (position, velocity, course),
- Very sensitive digital receiver,
- Module for moving target tracking,
- Communication and data transfer to other anti-aircraft systems,
- Rack mounted console and keyboard offer very safe and comfortable work to operators in cabin,
- Remote control of all functions of the radar,
- Display of data on high-resolution controller displays, including automated maintenance and many dialogue windows that provide access to operational functions.

TECHNICAL CHARACTERISTICS:

Frequency band	150-170 MHz
Pulse repetition time:	2.77 ms
Pulse repetition frequency:	360 Hz
Pulse width:	6 μ s
Peak power:	160 to 250 kW
Average power:	up to 540 W
Range:	350 km
Range resolution:	\leq 1000 m
Beamwidth:	8°
Manipulation:	Graphical user interface (GUI)

