BOJHOTEXHNYKN NHCTNTYT MILITARY TECHNICAL INSTITUTE

МИНИСТАРСТВО ОДБРАНЕ РЕПУБЛИКЕ СРБИЈЕ REPUBLIC OF SERBIA MINISTRY OF DEFENCE

MODERNIZED SURVEILLANCE-ACQUISITION RADAR P-12M



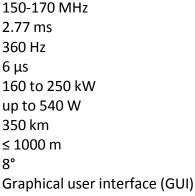
Operational use: used in anti-aircraft systems for detection and tracking of air vehicles

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	150-17
Pulse repetition time:	2.77 ms
Pulse repetition frequency:	360 Hz
Pulse width:	6 µs
Peak power:	160 to 2
Average power:	up to 5
Range:	350 km
Range resolution:	≤ 1000
Beamwidth:	8°
Manipulation:	Graphic





ВОЈНОТЕХНИЧКИ ИНСТИТУТ Ратка Ресановића 1, 11000 Београд, Србија Тел: +381 11 250 8308 / Факс: +381 11 250 8474 www.vti.mod.gov.rs / vti@vti.vs.rs