

C3i+

SYSTEM FOR COUNTERACTING LOW-FLYING TARGETS



The communication modules provide the exchange of status data and control commands between the C2 modules and the other components of the System. They include: Command Centre, Communication-Information Modules, repeaters (for extended range of communication).

The communication modules consist of transceiver components, with the distributed modules and the mobile common modules operating in one of the following frequency bands 170, 230, 315, 433, 868 or 915MHz. In its standard version, the system is using frequencies of 868 MHz (range of 5 km) and a frequency of 230 MHz (range of 20 km.). The repeater provides two-way communication on both frequencies and

the command center has a radio modem operating in the frequency range of 230 MHz, In this way, it is possible to include many subscribers in the System and each repeater provides an increase in range of about 20 km.

The Command Centre is designed to control and manage the other modules of the System by analyzing the data received by them and automatically or through an operator give commands to manage their operating modes. They consist of a unit for data analysis and control, a unit for data archiving, a means for display, power supply, etc., and in them are located a radio module for two-way communication, a device for GPS positioning, a unit for control and self-diagnostics, power supply, spare parts and tools - for assembly and disassembly, leveling device on the ground and transport packaging.

The mobile C2 modules are located in portable suitcases.

The control and command modules may be integrated with Command Centers or Control Points of other air defense systems or for airspace surveillance and control.

Control and command modules (C2 modules)



Repeater



Communication-Information Module

