

SIGNATURE DATA RECORDER II (SDR-II)



The Sensor Data Recorder II (SDR-II) is a high performance flexible communications unit. The SDR-II is capable of simultaneously monitoring data from multiple remote unattended sensors and acting as a flexible backhaul communications gateway helping secure a much larger operational area. With VHF, UHF (future), SATCOM, and GPS capabilities, the SDR-II offers a robust communications capability that can be readily integrated into any existing systems.

PRODUCT DESCRIPTION

As a core component of the Marines' Tactical Remote Sensor Systems (TRSS) Program, the SDR-II offers the monitoring and communications capabilities necessary to receive, process, and transmit multiple sensor data streams. This new addition to the high performance TRSS product line, the SDR-II, includes TRSS-compatible low band receivers and transmitter and high band transceivers (future).



The SDR-II offers PC connectivity to allow sensor messages to be displayed and analyzed more accurately. Whenever a sensor message is received, the SDR-II displays the type of activity detected. The SDR-II is completely software controlled and can be readily reconfigured to accommodate the communications demands of both the sensor field and the backhaul capabilities. The SDR-II is designed to operate in the most challenging and harsh environments.

ENHANCES GROUND SENSOR COMMUNICATIONS

- Includes multiple high performance VHF/UHF (future) and SATCOM transceivers
- Provides capability to control external Tactical Remote Sensor System HHPMs
- Offers both Encryption and Authentication for secure data communication
- Supports legacy and new high data rate communications protocols
- Operates within a Windows environment for programming and remote operation
- Includes integral provisions for the Common Sensor Radio

APPLICATIONS

- UGS Comms
- Comms Relay
- Homeland Security Systems
- Perimeter Security Systems
- Sensor Data Management

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