

RT-2129 Combat Net Radio (CNR) Capabilities



The RT-2129 software-defined Combat Net Radio (CNR) system equips Warfighters with secure voice and data communications. The CNR meets the CryptoMod program established by the National Security Agency (NSA). With the framework of a modernized form of an AN/PRC-148 radio mounted in a CNR Vehicle Adapter (CVA), the RT-2129 delivers an unmistakable enhancement to form, fit, and function of the legacy RT-1523E/F and RT-1702 family of radios. As a Software Defined Radio (SDR), the radio provides tactical line of sight capability to other radios implementing the SINCGARS waveform. The RT-2129 is equipped with a Human Machine Interface (HMI) that minimizes training and maximizes convenience for a truly user-friendly experience.

Operational Advantages:

- Crypto Modernized solution that simplifies integration, training and fielding.
- Drop in replacement to the legacy family of RT-1523 radios using existing mounts, amplifiers, and ancillary items, the CNR offers integration cost reduction over alternate radios.
- Provides security and an exceptional range of reliable VHF communications in a small form factor for mounted and dismounted operations — a single-channel solution based on the world's most fielded radio technology.
- Interoperable with all legacy SINCGARS radios.
- Replicates and maintains existing interfaces used throughout the DoD reducing training time and costs.
- Quick disconnect handheld for dismounted operations.



Specifications are subject to change without notice.

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