Boxed Electronic Emitter Capability Node – Communications

ATKINSON
aeronautics + technology

BEECN-C

BEECN-C PROVIDES A 20 MHZ TO 512 MHZ COMMUNICATIONS SIGNAL USING A SOFTWARE DEFINED RADIO (SDR)

- Custom designed signal replicates basic emitters
- Most commonly emulates a tactical communication system with voice track integration

SIZE: 16L x 13W x 7H (in.)
WEIGHT: 18 lbs. (3.63 kgs).

1. Power

- Relative run time with batteries: up to 10hrs estimated
- Operational power: 110V/240V capable
- Can be powered by an external generator

2. RF Signal Generator

- Emits signal up to 5 miles (8 km)
- Capable of providing selectable frequencies within specified band(s)

3. Functional Capability

- Designed for rugged environments
- Omni-directional antenna
- Inflatable Visual Modified (VISMOD) threat available

4. Graphical User Interface (GUI)

- Select pre-programmed frequencies
- Displays system status

5. Voice Playback Capable

- Uses pre-recorded audio and playback voice audio
- Includes adjustable time delay to mimic daily communications

✓ MOBILE, TRANSPORTABLE, AND RUGGEDIZED WITH CUSTOM CASE

✓ BATTERY POWERED (UP TO 10 HOURS RUN-TIME) WITH FLEXIBLE PLUGIN & POWER OPTIONS

✓ C2 AND STAND-ALONE OPTIONS AVAILABLE

✓ US FEDERAL COMMUNICATION COMMISSION (FCC) & EU SPECTRUM CERTIFICATIONS IN PROGRESS

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