BEAM™

Backpackable Electronic Attack Module

CACI's BEAM™, the smallest man-packable advanced electronic attack system currently available on the market, is capable of defeating small, complex unmanned aerial systems and other targets in a coordinated fashion. BEAM can detect, identify, locate, and attack the most sophisticated modern drones and associated communication devices. The BEAM system surveys the environment to enable deployed units to counter radio-controlled model aircraft, as well as digital or analog push-to-talk, cellular, Wi-Fi, SCADA, and digital or analog video signals. BEAM can also operate autonomously to deliver distributed attacks and provide rapid, responsive force protection capability in hostile environments.

Benefits

- Cross-layer cognitive mission management tool enables intelligent coordination within a cluster

- Allows local control by mission operators or via external command and control channels

- Automatically adapts to intermittent communications or loss of communications between nodes to maintain mission

- Open architecture enables rapid development of new capabilities

A *Fortune* World's Most Admired Company

EXPERTISE AND **TECHNOLOGY** FOR NATIONAL SECURITY

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Visit us online for more information about all our solutions and services:

www.caci.com

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BEAM Capabilities

- Supports setting the theater, unit and commander situational awareness, and enables rapid targeting (Phase 0/Phase 1)

- Provides EW support for offensive/defensive operations (Phase 2/Phase 3)

- Supports movement to contact, environmental reconnaissance, and mobile raid operations (Phase 2/Phase 3)

- Able to operate in a disconnected, degraded, intermittent, and/or limited bandwidth environment (Phase 2/Phase 3)
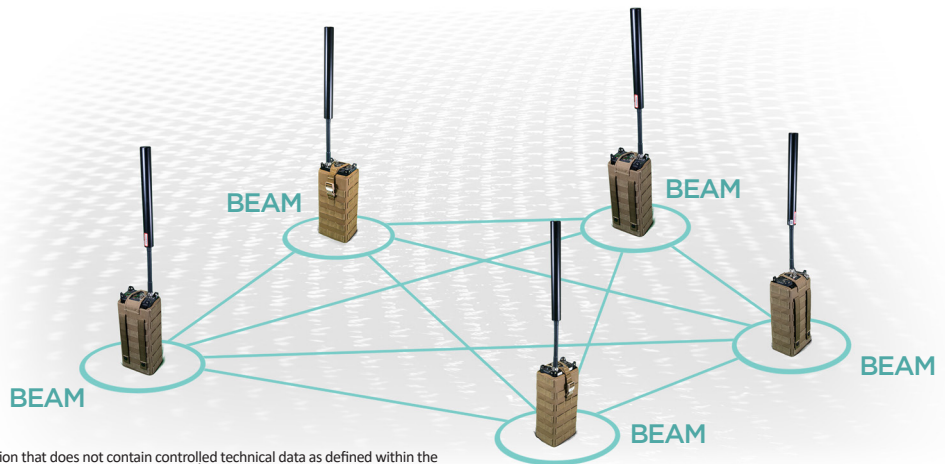
BEAM Features

- Improves environmental reconnaissance and supports fire networks for counter-signal and counter-small UAS missions

- USB control and COTS mobile ad hoc network interfaces enable speed and ease of use

- Open framework Android Tactical Assault Kit (ATAK) user interface

- Designed to meet the rugged tactical and environmental demand of dismounted and true on-the-move missions

Specifications

- Part Number: ASY00461-01

- Computer: 6th Gen Intel i7-6600U Skylake, 16GB RAM, 128 GB SD storage

- Single channel software-defined radio with wide-band omnidirectional antenna included

- Integrated GPS receiver with antenna included

- Power source: external (Recommended battery: BB-2590/U, 9.9 AH)

- Battery life: 5+ hours estimated mission endurance

- Interfaces: 1x input DC power, MIL-circular, 1x 10/100 Mbps Ethernet, MIL-circular, 1x MIL-circular USB 2.0, 1x RF antenna N-type-female, 1x GPS antenna TNC-female

- Height: 12 in (304.8 mm); width: 5.3 in (134.62 mm); depth: 4 in (101.6 mm)

- Weight: 10.5 lbs

- Environmental rating: designed to IP67 standard

- Operating temp: -20°C to 50°C (-4°F to 122°F) Storage temp: -40°C to 70°C (-40°F to 158°F)

- Operating relative humidity: 10% to 95% (non-condensing)

Specifications subject to change

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CACI's 23,000 talented employees are vigilant in providing the unique expertise and distinctive technology that address our customers' greatest enterprise and mission challenges. Our culture of good character, innovation, and excellence drives our success and earns us recognition as a *Fortune* World's Most Admired Company. As a member of the *Fortune* 1000 Largest Companies, the Russell 1000 Index, and the S&P MidCap 400 Index, we consistently deliver strong shareholder value. Visit us at www.caci.com.

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