

X-MADIS[®] FS

Full-Spectrum C-UAS Integrated System



The eXpeditionary Mobile Air Defense Integrated System (X-MADIS) Fixed Site (FS) is a full spectrum anti-drone capability that detects, locates, tracks, identifies, and defeats unmanned aerial systems (UAS) and near-peer air threats. The system combines an active electronically scanned array (AESA) radar system, a gyro-stabilized imaging system, a passive RF sensor, and an electronic warfare (EW) jamming system to produce a rapid kill chain. All components are seamlessly integrated using CUAS Suite, an innovative, user-friendly command and control (C2) interface optimized for decisive action against drone hazards and threats. The X-MADIS FS is ruggedized to withstand extreme environmental conditions and can be mounted on a tripod or permanently fixed. The X-MADIS FS is operationally deployed, and trusted to protect military resources, key personnel, civilians, and critical infrastructure around the globe.

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For more information about our expertise and technology, visit:

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Features

- AESA radar system
- EO/IR imaging system
- Passive RF sensor
- EW jammer
- CUAS Suite C2 interface

Benefits

- Ruggedized C-UAS system optimized for decisive action against drone threats
- System can be mounted on a tripod or permanently fixed
- X-MADIS FS is ideal for defending military resources, personnel, civilians, and infrastructure from UAS

Technical Specifications

Height	9 ft (2.7 m)
Diameter	6 ft (1.8 m)
Weight	665 lbs (302 kg)
Radar Type	Active Electronically Scanned Array (AESA)
Imaging System	CM262
Optical Sensors	Electro-optical (EO) Medium-wave infrared (MWIR) Short-wave infrared (SWIR) Laser range finder (LRF)
EO Horizontal Field of View	8° to 1.1°
MWIR Horizontal Field of View	46.2° to 2.4°
SWIR Horizontal Field of View	13.7° to 1.4°
Laser Class	Class 1
Electronic Warfare	*Details available upon request
Power Requirements*	110-120 VAC (2 x 30 A circuits) or 220-240 VAC (2 x 15 A circuits)
Operating Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Environmental Rating	IP66

*Standard configuration is equipped with both generator and shore power options



This material consists of CACI International Inc general capabilities information that does not contain controlled technical data as defined within the International Traffic in Arms Regulations (ITAR), Part 120.10, or Export Administration Regulations (EAR), Part 734.7-10. (PRR ID510)



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