

The appearance of U.S. Department of Defense (DoD) visual information does not imply or constitute DoD endorsement.

**TERMA<sup>T</sup>**  
ALLIES IN INNOVATION



# ALQ-213 ELECTRONIC WARFARE MANAGEMENT UNIT

## FOR ALL PLATFORMS

### Modular Mission Control

Terma's most advanced ALQ-213 Electronic Warfare Management Unit (EWMU) delivers plug-and-play integration with a wide-variety of self-protection subsystems. As the backbone of modern Aircraft Survivability Equipment (ASE), it gives rotary- and fixed-wing platforms centralized, automated threat response, embedded training, and unified ASE suite control.

### Proven & Trusted Solution

For 30+ years, Terma's controllers have been trusted by militaries around the world. Terma's Family of EWMUs are currently in service on 2,500+ aircraft across 25+ platform types and supports programs of record with the U.S. Army, U.S. Air Force/Air National Guard, and U.S. Navy.



Bombardier Global 6000



ANG F-16



C-130J



AH-47 Chinook

**Trade Vendor Lock for Plug and Play** freedom of your EW Suite, compatible with a wide variety of sensors and effectors.

**Quad core, safety critical, modular architecture** delivers partitioned power to host concurrent mission apps, training, and more.

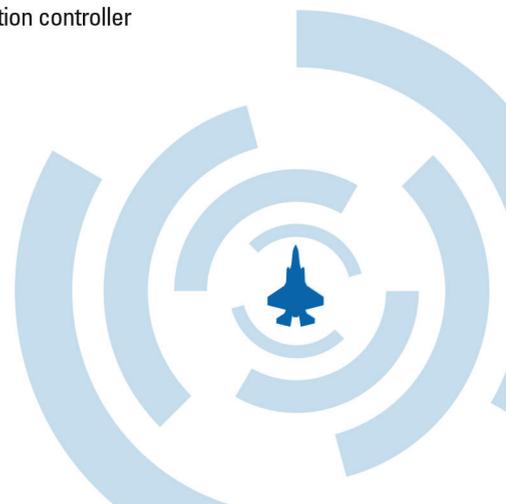
**Secure platform built for today and ready for tomorrow** with expandable I/O, a vacant expansion slot, and backward compatibility integration.

**Rapid-Reprogramming Ready**, designed to capture, triage, protect and move data at the speed of war.



### ALQ-213 Electronic Warfare Management Unit

Selected by U.S. Air Force as next generation controller



# General Technical Overview

Processor	ARM Quad-Core with HW supported encryption
Cache	2x32 kB per core / 1 MB shared
RAM	8 GB DDR4 with ECC
Power	28VDC, max 40W
Encryption key	Supported
MIL-STD-1553B	3 interfaces
Ethernet	3: (2x10/100, 1x1 Gb)
ARINC-429	2 ea. (input and output)
Weight	Max 2.0 kg (4.4 lbs)
Audio	1 analog output



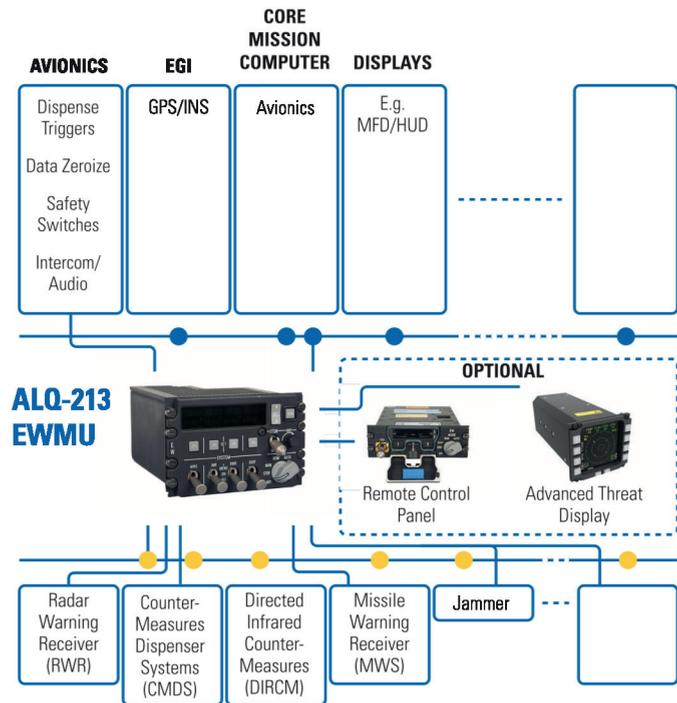
A-10



U.S. Navy P-8A



RNLAFC-130



## Alternatives within the Terma controller family



- Avionic bay installation
- Small/lightweight
- Versatile Interfaces

ALQ-213 Electronic Warfare Management Unit Without Face Plate



- Avionic bay installation
- Hosts related functions
- Multi CPU provision

ALQ-253 Electronic Warfare Management Unit