

MISSION MANAGEMENT COMPUTER

Manages navigation, communications, graphics and sensors combined with an integrated militarized data storage unit.



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CAI offers a ruggedized, airworthy, and reliable Mission Management Computer. The MMC is configured with four solid state 500MB drives, for a total storage capacity of two terabytes. It features multicore processing, high speed HD graphics processing and extensive input/output capabilities while also managing the interaction of weaponry with stores management.

Features:

- Core navigation, waypoint steering and flight management integration capability
- Communications resource management capability
- High performance, noise free, graphics processing
- Cursor tracking
- MC-Sensor communications integration in order to provide the Sensor with weapons status data and enable the MMC control of the sensor
- Video/graphics merge and overlay
- Video routing to EO/IR functions
- Generation of Tactical Moving Maps/Imagery
- Imbedded ISR applications compatibility
- Integration of weapons and sensor systems for space, weight, and workload reduction
- Hellfire time of flight algorithm and display
- HF Pilot steering to target interface
- Ability to download and store mission data and upload mission planning information

- **Electrical:**
 - Voltage – 28VDC
 - Current – 4.0A

Physical:

- Weight – 10.0 lbs.
- Dimensions - 9.0”L x 8.7”W x 7.54”H

Qualified - Environmental:

- Complies with MIL-STD-810G

Qualified - Electro Magnetic Interference:

- Complies with MIL-STD-461F

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