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ACM9443
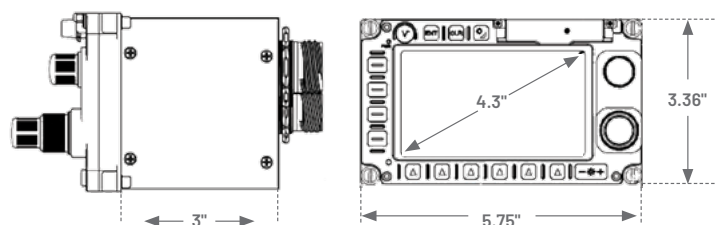## Communications Management Unit

Control multiple radios and data communication feeds with one device

- 4.3" 16:9 aspect ratio display
- MIL-STD-1553, ARINC 429, Ethernet, serial
- NVIS-A compatible and sunlight readable
- Intuitive user interface
- Flexible modular software for quick integration of new capabilities
- Integrates TACAN, EGI, IFF, digital maps and messaging

Long-term efficiency, optimal control

- Designed to be used in both civil/law enforcement and military settings
- Control numerous radios, TACAN, EGI, IFF, moving maps, more
- 4.3" 16:9 aspect ratio display
- NVIS-A compatible and sunlight readable
- MIL-STD-1553, ARINC 429, Ethernet, serial
- Available apps include DAFIF, moving maps, messaging and SAR beacon navigation
- Modular software allows for rapid insertion of new technology and mission capabilities
- Drop-in replacement for ARC-231 remote control indicator
- Intuitive user interface transitions operators and maintainers from first-timers to experts in hours
- Ideal choice for enabling multi-role aircraft fleets and simplifying logistics

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Wide Mode

Active radio information appears on the left, showing channel information such as radio setting details, modes, keys and waveforms. Standby radio information appears on the right, showing similar information.

Narrow Mode

Active and standby radio information appears on the left, and preset information appears on the right.

Integration

Interface with a full range of avionics equipment, including TACANs, transponders, ADS-B receivers, navigation and mission systems. Up to four CMUs may be interconnected in an aircraft installation.

Navigation

The onboard internal high-speed SBAS GPS allows the unit to integrate with the DAFIF worldwide database. Display bearing and distance information to any waypoint, navaid or airport anywhere in the world.

SPECIFICATIONS

I/O

Discrete	4 out/8 in
Ethernet	2 ports
RS-232	4 ports
RS-422	4 ports
ARINC 429	2 ports
MIL-STD-1553	2 ports
USB	1 port
PPS	1 port
GPS060 (optional)	1 port

Waveforms

VULOS	ANW2	SATCOM
HPW	HaveQuick	HaveQuick 2
SINCGARS	DAMA	Maritime
Guard	IW	TETRA
(others*)		

*Not all waveforms are available with all radios

Qualifications

Designed* to meet:
MIL-L-85762A, MIL-STD-704A/E,
MIL-STD-810G Chg 1, MIL-STD-461F

*Test reports available

Technical

Display Area	4.3" (109.22 mm)
Height	3.36" (85.34 mm)
Width	5.75" (146.05 mm)
Depth	3.0" (76.2 mm)
Weight	1.8 lb (0.82 kg)
Native Resolution	480 x 272
Operating Temperature	-40°C to +55°C
Storage Temperature	-55°C to +85°C
NVG	NVIS-A compatible
Power Input	28 VDC
External Storage	SD Card, USB

Compatibility

ARC-210	ARC-231
APX-117/118/119/123A	HF-9000D
DPX-7	PRC-117G
ARN-154	RF-7850A
TACAN+	RF-7800H
DF-935	ARC-906A
TALON	DPX-7
HAMR	SSDL
Thales	(and more)

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