

ACM9454 Communications Management Unit

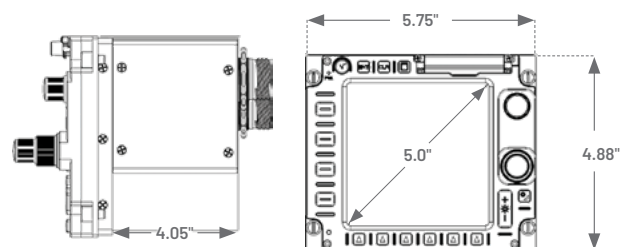
Control multiple radios and data communication feeds with one device

- 5.0" 1:1 aspect ratio display
- Drop-in replacement for full-size ARC 210 control
- MIL-STD-1553, ARINC 429, Ethernet, serial
- NVIS-B compatible and sunlight-readable
- Intuitive user interface
- Flexible modular software for quick integration of new capabilities



Ultimate control, simplified

- Can be used for both civil/law enforcement and military frequencies
- Control numerous, TACAN, EGI, IFF, moving maps, more
- 5.0" 1:1 aspect ratio display
- NVIS-B compatible and sunlight-readable
- MIL-1553, ARINC 429, Ethernet, serial
- Available apps include DAFIF, moving maps, text messaging, search and rescue beacon navigation
- Modular software allows for rapid insertion of new technology and mission capabilities
- Drop-in replacement for the ARC-210 control head is designed with data ports prepared for technology expansion, supporting future growth
- Intuitive user interface transitions operators 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 digital map capability works in concert with GPS, ADS-B, DAFIF, and imported data to provide position, waypoint, airport, and other key information in a zoomable, panable, scalable map-and-overlay view.

SPECIFICATIONS

I/O

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

Compatibility

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

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	5.0" (127 mm)
Height	4.88" (123.96 mm)
Width	5.75" (146.05 mm)
Depth	4.05" (102.87 mm)
Weight	2.3 lb (1.04 kg)
Native Resolution	640 x 640
Operating Temperature	-40°C to +55°C
Storage Temperature	-55°C to +85°C
Power Input	28 VDC
NVG	NVIS-B compatible
External Storage	SD Card

Waveforms

ANW2	Quicklook	DAMA	Rover
Guard	SINGGARS	HaveQuick	HaveQuick 2
SRW	TDMA	HPW	VULOS
Maritime	MUOS	IW	TETRA
(others*)			

*Not all waveforms are available with all radios

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