









# ACM9443

## Communications Management Unit



### FEATURES //

-  4.3" 16:9 ASPECT RATIO DISPLAY
-  INTUITIVE USER INTERFACE
-  CONTROL NUMEROUS MILITARY RADIOS
-  MIL-1553, ARINC 429, ETHERNET, SERIAL
-  NVIS-A COMPATIBLE
-  CONTROL TACAN, EGI, IFF, MORE
-  SUNLIGHT-READABLE
-  DIGITAL MAPS, MESSAGING, MORE

### LONG-TERM EFFICIENCY, OPTIMAL CONTROL //

The innovative ACM9443 is a rugged communications management unit (CMU) that serves as a single control head for managing multiple radios, TACAN, transponders, visual data such as moving maps, and more. Designed with data ports that are prepared for technology expansion, supporting future growth.

This CMU features a high-resolution, 4.3" LCD display that is sunlight-readable and NVIS-compatible. Its proven, intuitive user interface transitions operators from first-timers to experts in hours, and its modular software allows for rapid insertion of new technology and mission capabilities. Available apps include DAFIF, moving map, text messaging, and search and rescue beacon navigation. The ACM9443 is an 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.



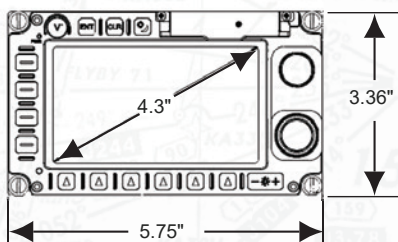
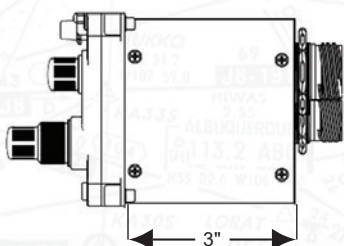
## INTEGRATION

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-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

### COMPATIBILITY //

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

### 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 Temp .....	-40 to +55 °C
Storage Temp .....	-55 to +85 °C
NVG .....	NVIS-A Compatible
Power Input.....	28 VDC
External Storage .....	SD Card, USB

### QUALIFICATIONS //

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

\*Test reports available