



ACC-188 PCMCIA Synchronous Serial Radio Adapter for ARC-231

Part: 9064-ARC-231 | **Model:** ACC-188

The ACC-188 PCMCIA synchronous serial radio adapter and free software from the Defense Information Systems Agency (DISA) upgrades tactical radios with the capability to send and receive IP data such as GPS maps, images, coordinates, and IM-type communications.

The ACC-188 operates in conjunction with standard PDA-184 software developed by and available from DISA. The PDA-184 software provides a Graphical User Interface (GUI) that allows radio users to transmit and receive a variety of data types at much higher speeds than is possible with comparable, proprietary solutions.

A key advantage of the ACC-188 is that it enables interoperability among the various radio brands and models used by the defense community. The ACC-188 is compatible with any tactical radio that has a synchronous communication port using MIL-STD-188-184. This includes the most prevalent brands and models: Raytheon AN/PSC-5D and ARC-231, Harris AN/PRC-117F and AN/PRC-150, Thales AN/PRC-148, Rockwell Collins ARC-210, Motorola LST-5B and LST-5C.

The PDA-184 software is government-developed, government-owned by DISA and includes these features:

- Saves thousands of dollars per radio compared to upgrading hardware and purchasing expensive proprietary software
- Interoperable (send/receive data with different radio models and brands)
- Implements MIL-STD-188-184 Data Waveform
- High-speed data throughput
- Easy-to-use Java-based GUI
- Runs in Microsoft Windows 7 (32-bit), XP (32-bit) or 2000

The Type II, 16-bit PCMCIA card ships with a 60 interface cable and includes a connector (described below) specific to a brand or model of tactical radio. A metal strain relief bracket protects the product in harsh conditions by preventing the cable connector from breaking off at the PCMCIA card. This results in a rugged and battlefield ready solution.

For details on how to obtain your copy of DISA's PDA-184 application, please visit the DISA PDA-184 website. The 9064-ARC-231 includes a 32-pin circular military connector that is compatible with the Raytheon ARC-231. If you are using a different radio or have additional questions, contact Marc Foster at marcf@sealevel.com or 864-843-8097 for further assistance. Click to download your copy of the ACC-188 Tactical Radio Adapter brochure.

Features & Specifications

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Features

- Interoperable (send/receive data with different radio models and brands)
- Implements MIL-STD-188-184 Data Waveform
- High-speed data throughput
- Easy-to-use Java-based GUI
- Runs in Microsoft Windows XP or 2000
- Overall cable length is 60"
- PDA-184 software is available from DISA, contact marcf@sealevel.com for details

Specifications

Family	ACC-188
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Host Interface(s)	PCMCIA
MIL-STD-188-184	Yes
Operating Temperature	-40°C to 85°C (-40°F to 185°F)
# of Ports	1
Storage Temperature	-50°C to 105°C (-58°F to 221°F)
Tactical Radio	AN/ARC-231