

PCIDM® V4

PCIDM for Ultra-Mobile Systems



Description

Dual channel USB IDM.

Supports digital radios.

When coupled with a radio, sends interoperable digital data information to a variety of military assets.

Enables the sharing of accurate and timely information.

Enables existing PC-based applications to extend their capability.

Uses

- Close Air Support
- Situational Awareness and Command and Control Networks
- Tactical Air Control Party (TACP)
- Joint Terminal Attack Controller (JTAC)

Software Development Kit

- Software Development Kit: provides users with application development and integration tools
- Network Monitoring Tool
- AMPGUI™: graphical user interface that assists users in configuring the PCIDM.

Interoperable

- | | |
|----------|---------------|
| - F-16 | - C2CE |
| - F/A-18 | - PFED |
| - AH-64D | - JSTARS |
| - OH-58D | - Tornado |
| - AV-8B | - Eurofighter |
| - AFATDS | - JSF |
| - C2PC | - TACP CASS |

Attributes

Channels

- Two

Link Layer Protocols

- AFAPD
- TACFIRE
- MTS
- MIL-STD-188-220
- RAW Mode

Network Layer Protocols

TCP/IP (IP, UDP, TCP, ICMP, SNMP)

Application Message Sets

- AFAPD
- MIL-STD-6017 VMF
- TACFIRE
- MTS

VMF

- MIL-STD-2045-47001
- MIL-STD-188-220
- Fire Support
- Internet Protocol
- N-Layer Pass Through
- CAS

Radio Interfaces (Digital)

Radios (Examples)

- PRC-117F
- PRC-148 MBITR/JEM
- PRC-152
- Other custom radio interfaces

Baseband Modulation

- NRZ

Host Support

Device Drivers

- Windows (XP, 2000)

Key Features

Size

- 54mm (2.125") W
- 75mm (2.60") D
- 32mm (1.24") H

Power

1 watt (typical)

Weight

8 oz (227g)

Temperature

-40 to 85 C

Hardware

- Compliance
- MIL-STD-810F
- MIL-STD-461E



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