

Digi® Media Conversion System

9100X and 9100XDC Media Conversion System



D A T A
S H E E T

- Fits in a standard 1U size rack
- Stackable up to 8 units
- Supports for up to 8 hot swappable plug-in converter modules
- Redundant power supply capability
- Two types of power supplies

The Digi 9100X Media Conversion System is a wiring closet system that complements Digi's line of standalone media converters and transceivers. It offers a compact, cost-effective, reliable and scalable system to enhance your hubs, switches, routers and servers.

The 9100X Media Conversion System fits into a 19-inch, 1U rack size. It has eight module bays for Digi's line of hot-swappable, rack mount modules. The unit ships with one power supply, but has a bay for an additional hot-swappable, load-balancing, redundant power supply. Versions are available for auto-sensing 110 or 220 VAC or for -48 VDC power requirements.

The Digi Media Conversion System allows you to mix and match your media when you need them and where you want them. You can select from our line of UTP to fiber converters for Ethernet, Fast Ethernet or ATM networks. The fiber can be single-mode fiber or multi-mode fiber. You may also install

Digi's multi-mode to single-mode converters for Fast Ethernet, ATM or Gigabit Ethernet. If you wish to add a redundant link, you can choose from Digi's line of redundant transceivers as well.

The Digi Media Conversion System is ready for SNMP management. You can add the SNMP module today, or install it later as your requirements change. Digi uses a master-slave relationship, allowing you to use one master SNMP module to control seven additional MIL-9100X units through slave modules. This lowers the overall cost of management of the Media Conversion System. With the management modules, you can monitor and configure the other modules, and you can also monitor the status of the power supplies, having alarms sent if a power supply stops functioning.

Features/Specifications

Features

- Fits into a 1U size of a 19-inch rack
- Eight rack module bays
- Allows mixing of various media connectors
- Supports an optional load balancing, hot-swap redundant power supply bay
- Two types of power supplies
 - An auto-sensing 110/120 VAC power supply with an IEC connector
 - A 48VDC power supply with a telco standard connector
- Two power supply bays

Product Package

- Installation guide
- 9100X (ships with all bays empty) (ships with one power supply, either auto-sensing 110/120 VAC or 48VDC)
- Power cord
- Warranty card

Media Conversion Modules Supported

10BASE-T to 10BASE-FL Converters

- MIL-140TRM
- MIL-160TRM
- MIL-170TRM

100BASE-TX to 100BASE-FX Converters

- MIL-180CRM
- MIL-180TRM
- MIL-190TRM

Master SNMP Module

- MIL-4650

Slave SNMP Module

- MIL-4655

100BASE-FX Fast Ethernet or ATM Converter Module

- MIL-225CRM

100BASE-TX/FX Redundant Port Selector Transceiver Module

- MIL-260TRM
- MIL-240FXTRM
- MIL-240FXCRM

Power Supply

- AC:
 - LEC Standard input 110/120 VAC auto-sensing supply input 5 VDC 10 Amp output, 5 W
- DC:
 - Standard telco connector -48 VDC input 5 VDC 10 Amp output, 5 W

Environmental Requirements

- Operating temperature: 0° C to 50° C (32° F to 122° F)
- Storage temperature: -20° C to 70° C (-4° F to 158° F)
- Relative humidity: 10% to 90% non-condensing

Regulatory Approvals

- FCC Class A
- CE Mark Class B
 - EN55022 Class B
 - EN50082-1
- UL 1950
- CSA 960 EN60950

Digi Service and Support

You can purchase with confidence knowing that Digi is here to support you with expert technical support, the industry's strongest warranty (five full years) and a 30-day money-back guarantee.

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Models and Part Numbers

19-inch Rack Mount Media Conversion System 110/220VAC.....	MIL-9100X
19-inch Rack Mount Media Conversion System, 110/220VAC w/o power cord.....	MIL-9100XIN
110/220VAC power supply for 9100X Media Conversion System.....	MIL-9100PSAC
10BASE-T to FL MMF Enet Module for 9100X Media Conversion System.....	MIL-140TRM
100BASE-TX to FX MMF FE ST Module for 9100X Media Conversion System.....	MIL-180TRM
100BASE-TX to FX MMF FE SC Module for 9100X Media Conversion System.....	MIL-180CRM
10BASE-T to FL 4km SMF Enet Module for 9100X Media Conversion System.....	MIL-160TRM
10BASE-T to FL 15km SMF Enet Module for 9100X Media Conversion System.....	MIL-170TRM
100BASE-TX to FX MF FE SC Module for 9100X Media Conversion System.....	MIL-190CRM
Master SNMP (Simple Network Management Protocol) Module.....	MIL-4650
Slave SNMP Module.....	MIL-4655
19-inch Rack Mount Media Conversion System, -48VDC power supply.....	MIL-9100XDC
-48VDC power supply for 9100X Media Conversion System.....	MIL-9100PSDC
100BASE-TX Redundant Transceiver Module.....	MIL-240TRM
100BASE-FX Redundant Transceiver MMF SC Module.....	MIL-240FXCRM
100BASE-FX Redundant Transceiver MMF ST Module.....	MIL-240FXTRM
100BASE-FX MMF to SMF SC Module.....	MIL-225CRM

Note: The Rack Mount Modules are different products than the stand-alone Media Converters. The International version (MIL-9100XIN) power cords are ordered separately.