DMCF-TX-4K-SFP/DMCF-RX-4K-SFP

DigitalMedia™ SFP+ Transmitter/Receiver Cards for DMF-CI-8

DO Check the Box

QTY	PRODUCT	COLOR	PART NUM.
1	Connector, 5-Pin		2003577

DO Install the Card

The Crestron® DMCF-TX-4K-SFP transmitter card and DMCF-RX-4K-SFP receiver card occupy the DMF-CI-8 card chassis.

CAUTION: The cards are susceptible to damage from electrostatic discharge (ESD). Observe standard ESD precautions when handling the cards. Always wear an ESD wrist strap that is connected to ground, and place the cards on grounded surfaces only.

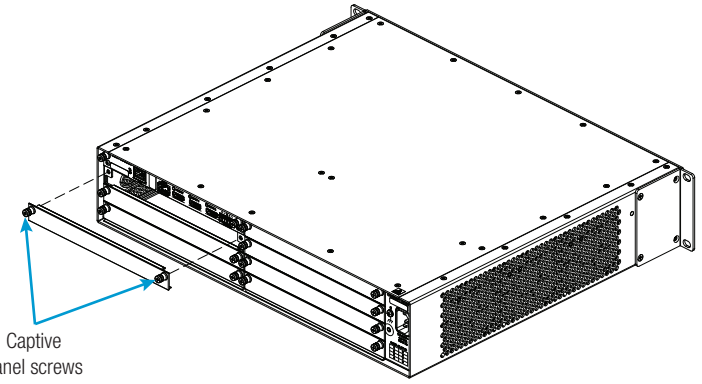
CAUTION: To prevent damage to a card that is connected to cables, disconnect all cables from the card before installing the card into a card slot or removing the card from a card slot.

NOTE: In a new installation of the DMF-CI-8, it is recommended that the cards be installed before power is applied to the DMF-CI-8. In an existing installation of the DMF-CI-8, the cards can be added or replaced without the need to shut down the DMF-CI-8; that is, the cards are hot swappable.

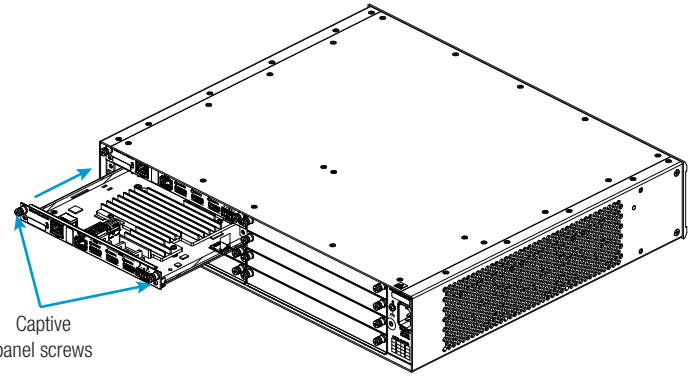
NOTE: When installing cards into a partially populated DMF-CI-8, install the cards into slots 5–8 before using slots 1–4. Doing so ensures better cooling and lower power consumption. In addition, always cover empty slots using the filler plates included with the DMF-CI-8.

To install a card into the DMF-CI-8, do the following:

1. Using a #2 Philips screwdriver (not included) or your fingers, remove the filler plate of an unused slot by loosening the two captive panel screws.



2. Carefully insert the card into the card guides of the selected slot, and then push the card inward until it is fully seated and engages the chassis backplane.

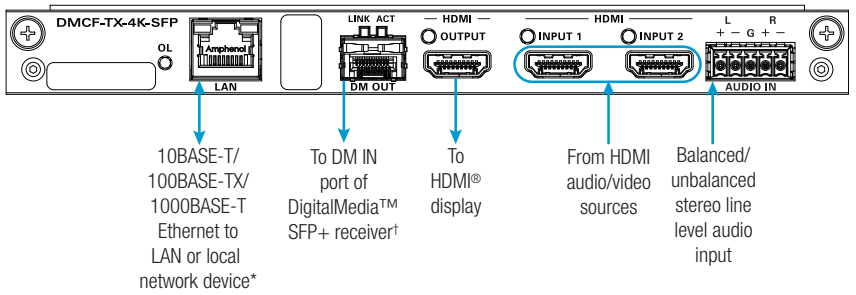


3. Finger-tighten the two captive panel screws to secure the card—do not overtighten the screws.

DO Connect the Card

Connect the card as required for the application.

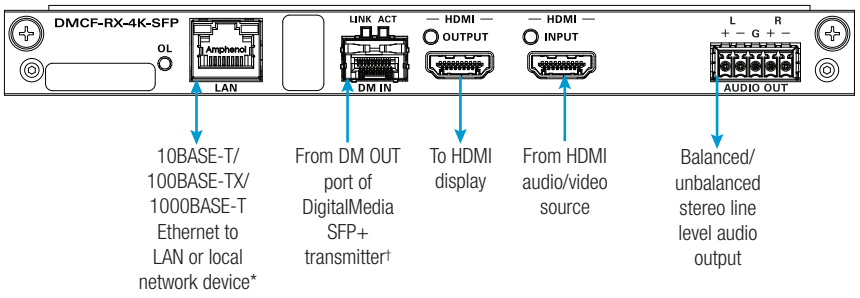
DMCF-TX-4K-SFP Connections



*To connect to the LAN, use either the LAN port of the DMCF-TX-4K-SFP transmitter or the LAN port of the companion receiver (DMCF-RX-4K-SFP or DMF-RMC-4K-SFP)—do not connect the transmitter and receiver LAN ports to the LAN simultaneously.

†Use Crestron® SFP+ transceiver modules only. Refer to the SFP-10G Series DO Guide (Doc. 7862) for additional information.

DMCF-RX-4K-SFP Connections



*To connect to the LAN, use either the LAN port of the DMCF-RX-4K-SFP receiver or the LAN port of the companion transmitter (DMCF-TX-4K-SFP or DMF-TX-4K-SFP)—do not connect the receiver and transmitter LAN ports to the LAN simultaneously.

†Use Crestron® SFP+ transceiver modules only. Refer to the SFP-10G Series DO Guide (Doc. 7862) for additional information.

DO Configure the Card

NOTE: If the HDMI® output of the DMCF-RX-4K-SFP or an HDMI input of the DMCF-TX-4K-SFP connects to a DigitalMedia™ switcher, the switcher automatically configures the IP table of the DMCF-TX-4K-SFP according to the SIMPL program. The DMCF-TX-4K-SFP hosts the configuration settings of the connected DigitalMedia SFP+ receiver (DMCF-RX-4K-SFP or DMF-RMC-4K-SFP).

In a stand-alone configuration, configure the card as follows:

- Configure the DMCF-TX-4K-SFP using the web interface.

  NOTE: The DMCF-TX-4K-SFP hosts the routing, input, and output configuration of the connected receiver (DMCF-RX-4K-SFP or DMF-RMC-4K-SFP).

- Configure the routing, input, and output settings of the DMCF-RX-4K-SFP when configuring the connected transmitter (DMCF-TX-4K-SFP or DMF-TX-4K-SFP).

  Configure network and device settings of the DMCF-RX-4K-SFP by doing the following:

  - To configure network settings, use the web interface of the DMCF-RX-4K-SFP or the menu on the front panel display of the DMF-CI-8.
  - To configure device settings, use the web interface of the DMCF-RX-4K-SFP.

To access the web interface of a card, open a web browser and then go to the IP address of the card.

NOTE: By default, DHCP is enabled. To find the IP address of a card, use the menu on the front panel display of the DMF-CI-8.

To log in to the web interface, enter the user name and password of the card. The default user name is *admin*, and the default password is *admin*.

For detailed configuration information, refer to the DigitalMedia SFP+ 4K Fiber Transmitters and Receivers Supplemental Guide (Doc. 7940) at www.crestron.com/manuals.

DO Learn More

Visit the website for additional information and the latest firmware updates. To learn more about this product, use a QR reader application on your mobile device to scan the QR image.

DMCF-TX-4K-SFP

DMCF-RX-4K-SFP

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CE As of the date of manufacture, the product has been tested and found to comply with specifications for CE marking.

c UL us These products are Listed to applicable UL Standards and requirements by Underwriters Laboratories Inc.
Ces produits sont énumérés aux normes applicables et les exigences UL par Underwriters Laboratories Inc.

Federal Communications Commission (FCC) Compliance Statement
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Industry Canada (IC) Compliance Statement
CAN ICES-3(B)/NMB-3(B)

The products are Class 1 laser products. They comply with safety regulations of IEC-60825-1, FDA 21 CFR 1040 11 and FDA 21 CFR 1040 10.

WARNING: Visible and invisible laser radiation when open. Avoid direct exposure to beam.

This document was written by the Technical Publications department at Crestron.