

DM-NVX-350C/DM-NVX-351C

DigitalMedia™ 4K60 4:4:4 HDR Network AV
Encoder/Decoder Card

DO Install the Card

The Crestron® DM-NVX-350C and DM-NVX-351C 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.

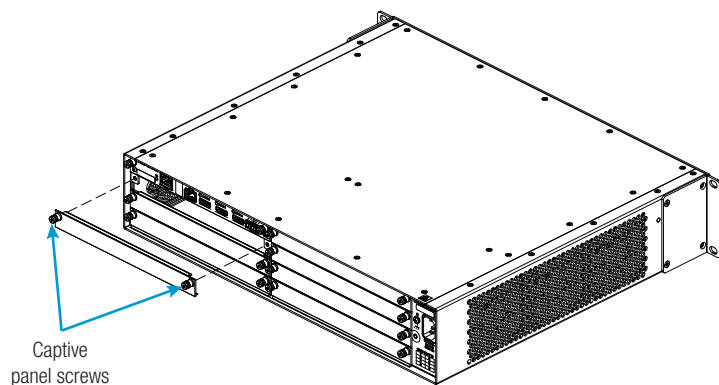
CAUTION: To prevent damage to a card that is connected to cables, disconnect all cables from the card before installing the card into a card slot or removing the card from a card slot.

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 as 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:

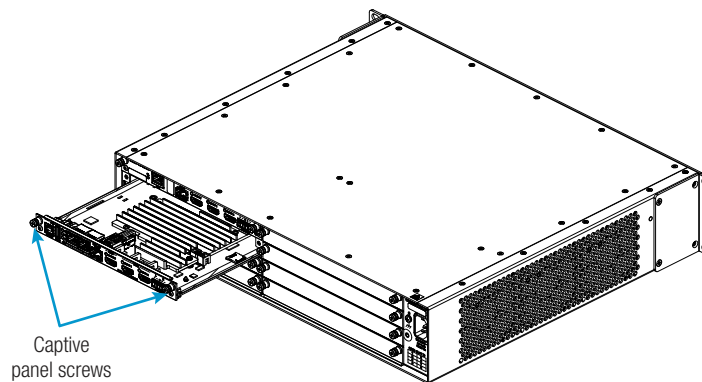
1. Using a #2 Phillips screwdriver (not included) or your fingers, remove the filler plate of an unused slot by loosening the two captive panel screws.



DO Check the Box

QTY	ITEM	PART NUM.
1	Cable, USB 2.0, A - B, 6' (1.83 m)	2014966
1	Connector, 5-Pin	2003577

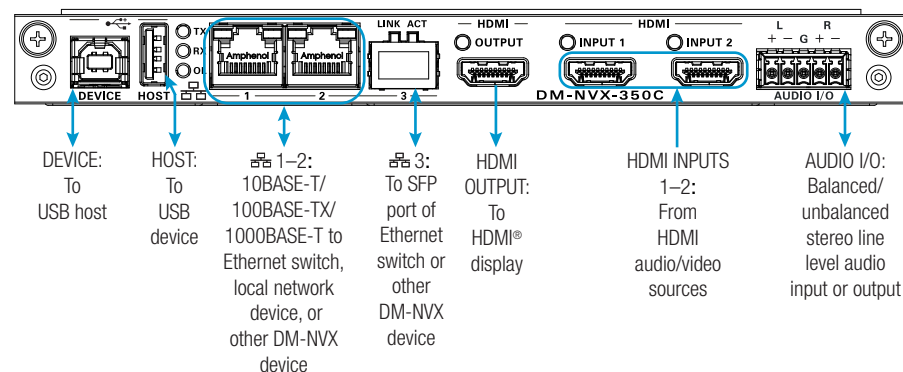
2. Carefully insert the card into the card guides of the selected slot, and then push the card inward until it is fully seated and engages the chassis backplane.



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.



NOTE: The DM-NVX-350C and DM-NVX-351C can be configured to use either the DEVICE port or the HOST port. Both ports cannot be used simultaneously.

NOTE: The DM-NVX-350C and the DM-NVX-351C each provide three LAN (RJ45) ports. Only one LAN port at a time can be used as the primary LAN connection to stream network video:

- LAN ports 1 and 2 are 10BASE-T/100BASE-TX/1000BASE-T. Either LAN port 1 or LAN port 2 can be used as the primary LAN connection, allowing the other port to be used for connection to a local network device or to another DM-NVX device. If one of the ports is used as the primary LAN connection, the port requires connection to a 1000BASE-T switch in order to stream network video.
- LAN port 3 is an SFP port that can connect to a fiber-optic network using the appropriate Crestron SFP-1G transceiver module. LAN port 3 can be used as the primary LAN connection or can be connected to another DM-NVX device. Refer to the SFP-1G Series Installation Guide (Doc. 7979) for information about installing Crestron SFP-1G series transceiver modules.

DO Configure the Card

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

NOTE: By default, the IP address of the card is assigned by a DHCP server on the network. If a DHCP server does not exist on the network, the IP address defaults to a link-local address in the 169.254.xxx.xxx range (refer to RFC 3927 for detailed information about link-local addressing).

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 and password are both *admin*.

DO Connect to the Crestron XiO Cloud Service

The Crestron XiO Cloud™ service allows supported Crestron devices across an enterprise to be managed and configured from one central and secure location in the cloud. Supported devices are preconfigured to connect to the service. Use of the service requires a registered Crestron XiO Cloud account.

To connect the card to the Crestron XiO Cloud service:

1. Record the MAC address and serial number that are labeled on the shipping box of the card or on the printed circuit board (PCB). The MAC address and serial number are required in order to add the card to the Crestron XiO Cloud environment.
2. Do either of the following:
 - If you have a Crestron XiO Cloud account, go to <https://portal.crestron.io> to access the Crestron XiO Cloud service.
 - If you do not have a Crestron XiO Cloud account, go to www.crestron.com/xiocloud to register for an account.

For detailed information about using the Crestron XiO Cloud service, refer to the Crestron XiO Cloud Service User Guide (Doc. 8214) 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.

Crestron Electronics
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HDMI

DM-NVX-350C



DM-NVX-351C



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



This product is Listed to applicable UL® Standards and requirements tested by Underwriters Laboratories Inc.
Ce produit est homologué selon les normes et les exigences UL applicables 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 product is a class 1 laser product. It complies 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.

NOTE: Plug the included dust cap into the optical transceiver when the fiber optic cable is unplugged.

The specific patents that cover Crestron products are listed at www.crestron.com/legal/patents.

The product warranty can be found at www.crestron.com/legal/sales-terms-conditions-warranties.

Certain Crestron products contain open source software. For specific information, visit www.crestron.com/legal/open-source-software.

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