



Description

The Crestron® DMCI is a compact device designed to support a variety of interface functions using any DMC Series input card. With a complete range of input cards available, the DMCI can be used to convert virtually any type of AV signal to an HDMI® signal. The DMCI can equip an HDMI switcher to accept other types of inputs, or it can add an HDMI output to an analog AV switcher. The DMCI can even be used to create a custom DigitalMedia™ receiver or streaming decoder. Integrating the DMCI with a Crestron control system via a Cresnet® connection allows detailed AV signal information to be viewed on a touch screen and allows for CEC signal routing.

Additional Resources

Visit the product page on the Crestron website (www.crestron.com) for additional information and the latest firmware updates. Use a QR reader application on your mobile device to scan the QR image.



Installation

Install a DMC input card into the DMC input card slot of the DMCI. Then, install the DMCI into a rack, under a table, or on a flat surface.

Installing a DMC Input Card

CAUTION: The DMCI is powered by the 4-position terminal block connector labeled NET. Before installing or removing an input card, ensure that the DMCI is not powered on. The DMC input cards are not hot swappable.

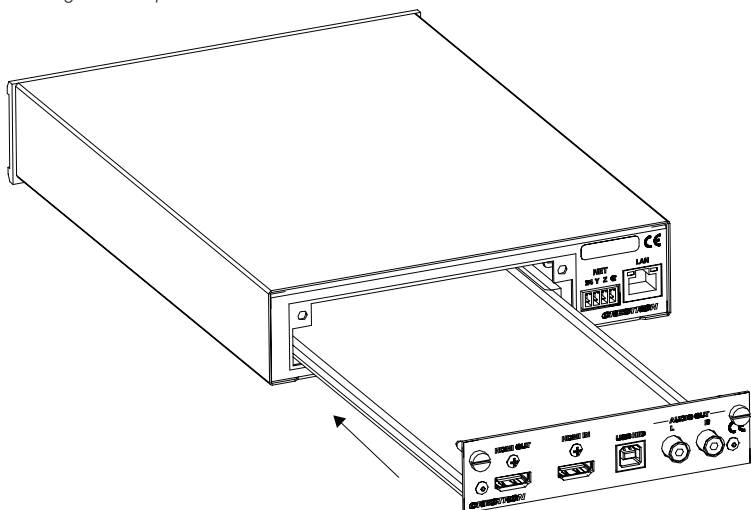
CAUTION: Cards are static sensitive. When handling cards, follow standard electrostatic discharge precautions.

CAUTION: To avoid damaging the pins on the bottom of the card, use care when inserting the card into the DMCI.

To install a DMC input card into the input card slot of the DMCI, do the following:

1. Using caution to avoid damage to the pins on the bottom of the card, insert the card into the guides of the input card slot until the card is 1/4 inch from the fully seated position.
2. Align the two thumb screws of the card with the corresponding holes in the DMCI chassis, and then push the card inward until it is fully seated and engages the chassis backplane.
3. Finger-tighten the two thumb screws to secure the card—do not overtighten the screws.

Installing a DMC Input Card into the DMCI



Mounting into a Rack or onto a Rack Rail

The DMCI can be mounted into a rack or onto a rack rail:

- To mount the DMCI into a rack, use the Crestron ST-RMK Rack Mount Kit (sold separately). For additional information, refer to the ST-RMK Rack Mount Kit Installation Guide (Doc. 5664).
- To mount the DMCI onto a rack rail, use the Crestron UTK-1U-HALF Under-Table Mounting Kit (sold separately). For additional information, refer to the UTK-1U-HALF Under-Table Mounting Kit Installation Guide (Doc. 7621).

Mounting under a Table

The DMCI can be mounted under a table using the Crestron UTK-1U-HALF Under-Table Mounting Kit (sold separately). For additional information, refer to the UTK-1U-HALF Under-Table Mounting Kit Installation Guide (Doc. 7621).

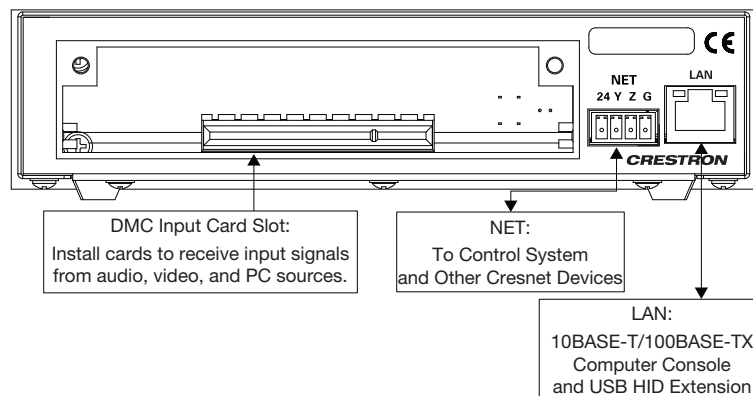
Mounting onto a Flat Surface

The DMCI can be placed on a flat surface or stacked with other equipment. Four feet are factory installed on the DMCI to provide stability when the unit is placed on a flat surface or stacked.

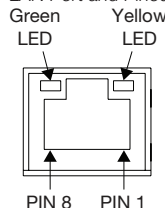
Hardware Hookup

Make the necessary connections to the rear panel of the DMCI as called out in the following illustration. Apply power after all connections have been made.

DMCI Rear Panel Connections



LAN Port and Pinout Table



PIN	Signal	PIN	Signal
1	TX +	5	N/C
2	TX -	6	RX -
3	RX +	7	N/C
4	N/C	8	N/C

NOTE: The LAN port is intended only for computer console (for example, a firmware upgrade) and for the communication of USB HID signals over an Ethernet connection. Unlike many other Crestron products, this LAN port should not be used for program control.

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



Federal Communications Commission (FCC) Compliance Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following 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 separation between the equipment and the receiver.
- Connect the equipment to 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.

Rack Mounting Safety Precautions

Elevated Operating Ambient Temperature: If the unit is installed in a closed or multiunit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient temperature. Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature (T_{ma}) specified by the manufacturer.

Reduced Airflow: Installation of the equipment in a rack should be such that the amount of airflow required for safe operation of the equipment is not compromised.

Mechanical Loading: Mounting of the equipment in the rack should be such that a hazardous condition is not achieved due to uneven mechanical loading.

Circuit Overloading: Consideration should be given to the connection of the equipment to the supply circuit and the effect that overloading of the circuits might have on overcurrent protection and supply wiring. Appropriate consideration of equipment nameplate ratings should be used when addressing this concern.

Reliable Earthing: Reliable earthing of rack-mounted equipment should be maintained. Particular attention should be given to supply connections other than direct connections to the branch circuit (e.g., use of power strips).

The product warranty can be found at www.crestron.com/warranty.

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

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

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Specifications subject to
change without notice.