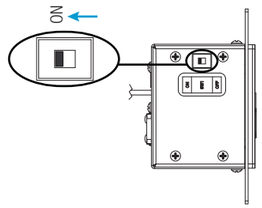
HD-EXT3-C
4K HDMI® over HDBaseT® Extender with IR and RS-232

DO Verify the SW1 DIP Switch Setting on the HD-TX3-C

The Crestron® HD-TX3-C includes the SW1 DIP switch, which controls the hot plug detect (HPD) signal. Before installing the HD-TX3-C, locate the DIP switch on the unit and verify that the switch is set in the ON position (default setting). When the switch is set to ON, the HPD signal is sent from the display device on the HD-RX3-C to the source device on the HD-TX3-C.



NOTE: The OFF position of the SW1 DIP switch is reserved for factory use only.

DO Install the Device

Install the HD-TX3-C and HD-RX3-C as appropriate for the application.

Installing the HD-TX3-C

Install the HD-TX3-C in any of the following ways:

- Into a 1-gang electrical box
- Onto a flat surface
- Onto a rack rail

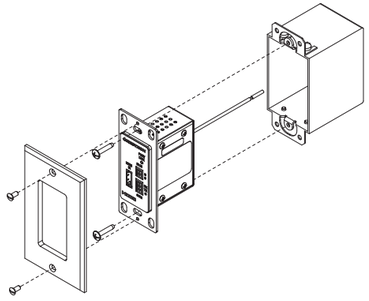
Installing the HD-TX3-C into a 1-Gang Electrical Box

NOTE: The recommended depth of the electrical box (not included) is a minimum of 2.5 inches (64 mm).

NOTE: Before installing the HD-TX3-C into an electrical box, connect the ground wire to earth ground and connect the HDBaseT® OUT port. Refer to the "DO Connect the Device" section for additional information.

Install the HD-TX3-C into a 1-gang electrical box as follows:

1. Using the two included #6-32 x 3/4-inch combo head screws, attach the HD-TX3-C to the electrical box.
2. Attach the desired decorator style faceplate (faceplate and hardware not included).



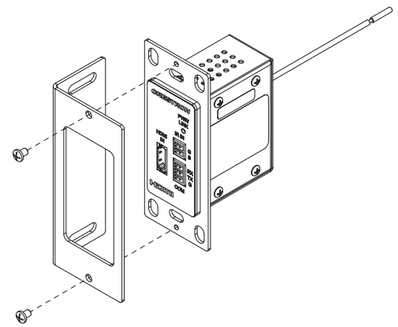
DO Check the Box

QUANTITY	PRODUCT	COLOR	PART NUMBER
1	Bracket (for Interface Module)	Black	2016054
2	Connector, 2-Pin		2003574
2	Connector, 3-Pin		2003575
1	Power Pack, 24 Vdc 0.75 A, 100-240 Vac		2045865
2	Screw, 06-32 x 3/16", Pan Head, Phillips	Black	2007203
2	Screw, 06-32 x 3/4", Truss Head, Combo	Black	2009211

Installing the HD-TX3-C onto a Flat Surface

Install the HD-TX3-C onto a flat surface as follows:

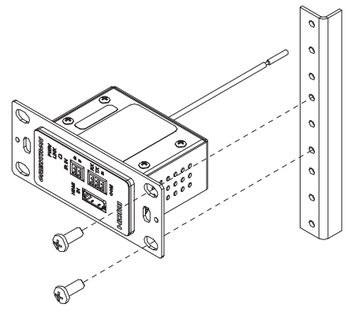
1. Using the appropriate hardware (not included), attach the included mounting bracket to a flat surface.
2. Using the two included #6-32 x 3/16-inch Phillips head screws, attach the device to the bracket.



Installing the HD-TX3-C onto a Rack Rail

Install the HD-TX3-C onto the front or rear rail of a rack as follows:

1. Position the device horizontally so that the holes of the left or right mounting flange align with the holes in the rack rail.
2. Secure the device to the rack rail using two rack mounting screws (not included).



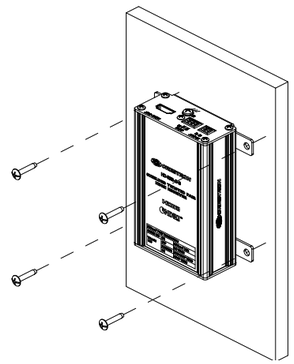
Installing the HD-RX3-C

Install the HD-RX3-C in either of the following ways:

- Onto a flat surface
- Onto a rack rail

Installing the HD-RX3-C onto a Flat Surface

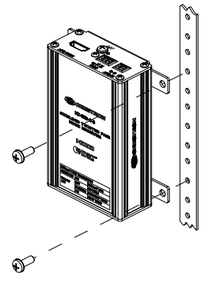
Using four mounting screws (not included), attach the HD-RX3-C to a flat surface. Mounting onto a wall is shown below.



Installing the HD-RX3-C onto a Rack Rail

Install the HD-RX3-C onto the front or rear rail of a rack as follows:

1. Position the left or right mounting flanges of the device so that the holes align with the holes in the rack rail.
2. Secure the device to the rack rail using two rack mounting screws (not included).

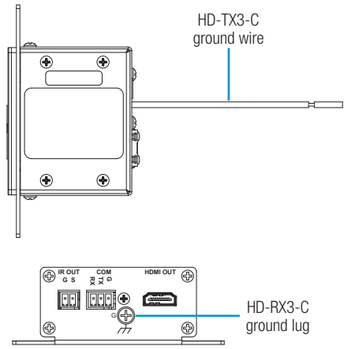


DO Connect the Device

Make connections to the HD-TX3-C and HD-RX3-C as required for the application.

Connecting the HD-TX3-C and HD-RX3-C to Ground

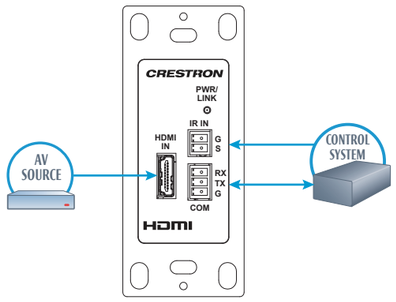
Connect the ground wire on the HD-TX3-C and the chassis ground lug on the HD-RX3-C to earth ground (building steel).



Connecting the HDMI and Control Ports on the HD-TX3-C

Connect the HDMI® and control ports on the HD-TX3-C as follows:

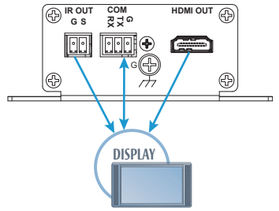
- Using an HDMI cable (not included), connect the HDMI IN port to the HDMI output port of the audio/video source.
- Connect the IR IN or COM control port or both as follows:
  - IR IN: Using an IR cable (not included), connect the 2-pin terminal block of the IR IN port to the IR output port of the control system.
  - COM (RS-232): Using a data communications cable (not included), connect the 3-pin terminal block of the COM port to the COM port of the control system.



Connecting the HDMI and Control Ports on the HD-RX3-C

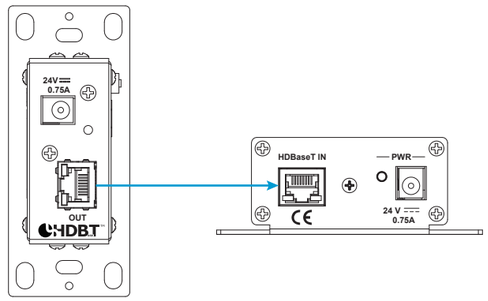
Connect the HDMI and control ports on the HD-RX3-C as follows:

- Using an HDMI cable (not included), connect the HDMI OUT port to the HDMI input port of the receiving device.
- Connect the IR OUT or COM control port or both as follows:
  - IR OUT: Using the Crestron IRP2 emitter (sold separately), connect the 2-pin terminal block of the IR OUT port to the IR sensor window of the device to be controlled.
  - COM (RS-232): Using a data communications cable (not included), connect the 3-pin terminal block of the COM port to the COM port of the device to be controlled.



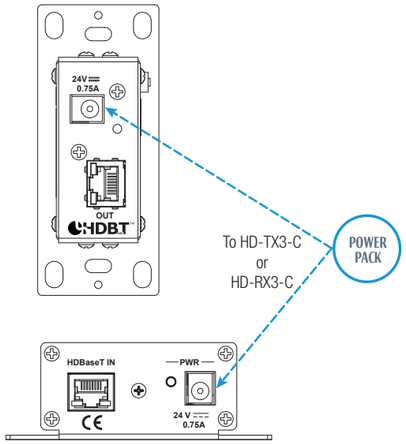
Connecting the HDBaseT Ports on the HD-TX3-C and HD-RX3-C

Using Crestron DM-CBL-ULTRA, Crestron DM-CBL-8G, or generic CAT5e cable (not included), connect the HDBaseT OUT port on the HD-TX3-C to the HDBaseT IN port on the HD-RX3-C.



Connecting the Power Connector on the HD-TX3-C or HD-RX3-C

Only one 24 Vdc power pack (included) is required to power both the HD-TX3-C and the HD-RX3-C. Connect the power pack to the 24 Vdc power connector on either the HD-TX3-C device or the HD-RX3-C device—do not connect a power pack to both devices. Power is transmitted over the cable that connects the HDBaseT ports on the HD-TX3-C and HD-RX3-C.



NOTE: The HD-TX3-C and HD-RX3-C are not HDBaseT PoE compatible; that is, the devices cannot be powered by—or supply power to—another HDBaseT device.

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.

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