Wall Plate 4K DigitalMedia 8G+® Receiver and Room Controller 100

The Crestron® DM-RMC-4K-100-C-1G is a DigitalMedia 8G+® wall plate receiver and room controller that provides a simple, cost-effective interface solution for a single display device as part of a complete Crestron® DigitalMedia™ system.

In the Box

1 DM-RMC-4K-100-C-1G Wall Plate DigitalMedia 8G+® Receiver and Room Controller 100

Additional Items

1 Bracket, Surface Mount (2016054)
2 Connector, 2-Pin (2003574)
1 Connector, 3-Pin (2003575)
2 Screw, 6-32 x 1/4 in., Pan Head, SEMS (2007218)
2 Screw, 6-32 x 3/4 in., Truss Head, Combo (2009211)

Install the Receiver

Mount the device into an electrical box, onto a flat surface, or onto a rack rail. Connect the rear of the receiver before mounting it into an electrical box. If the receiver is to be mounted onto a flat surface or rack rail, connect the rear of the unit after it is mounted.

Connecting the Rear of the Receiver

NOTE: The DM IN port is a PoDM (Power over DM) powered device (PD) port and is also compatible with HDBaseT® PoE:
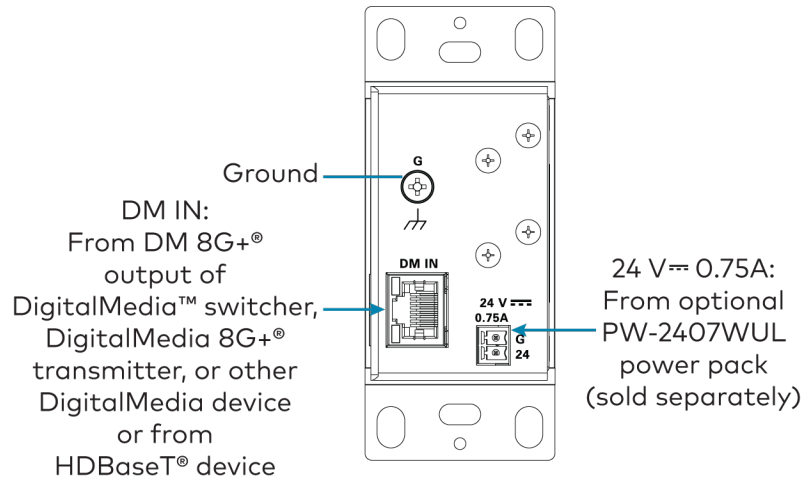
- In order for the DM IN port to receive PoDM, the port must be connected to a DigitalMedia switcher or other DigitalMedia equipment that has a PoDM power sourcing equipment (PSE) port.
- In order for the DM IN port to receive HDBaseT PoE, the port must be connected to equipment that has an HDBaseT PoE PSE port.

Wiring that connects to a PoDM or HDBaseT PoE port is designed for intrabuilding use only.

PoDM, HDBaseT PoE, or the optional PW-2407WUL power pack (sold separately) can be used to power the receiver.

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Connections to Rear of Receiver

Ground

DM IN:
From DM 8G+®
output of
DigitalMedia™ switcher,
DigitalMedia 8G+®
transmitter, or other
DigitalMedia device
or from
HDBaseT® device

24 V⎓ 0.75A:
From optional
PW-2407WUL
power pack
(sold separately)

Refer to the following table for DM IN wiring information.

DM IN Wiring

Pin 1
Pin 8

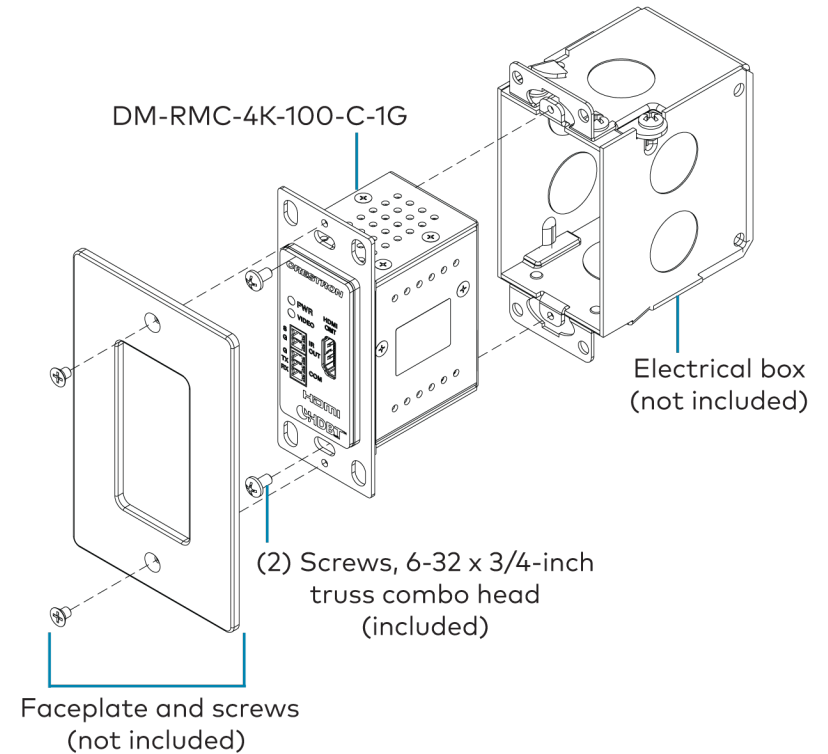| Pin Number	Wire Color
1	Orange/White
2	Orange
3	Green/White
4	Blue
5	Blue/White
6	Green
7	Brown/White
8	Brown

Mounting into an Electrical Box

Mount the receiver into a 1-gang electrical box (not included).

1. Using a Phillips screwdriver and the two included 6-32 x 3/4-inch truss combo head screws, attach the receiver to the electrical box.

2. Attach a decorator style faceplate (not included) to the receiver using two screws (not included).

> **NOTE:** The optional Crestron FP-G1 Series faceplate assembly is sold separately.

Mounting into an Electrical Box

DM-RMC-4K-100-C-1G

Electrical box
(not included)

(2) Screws, 6-32 x 3/4-inch
truss combo head
(included)

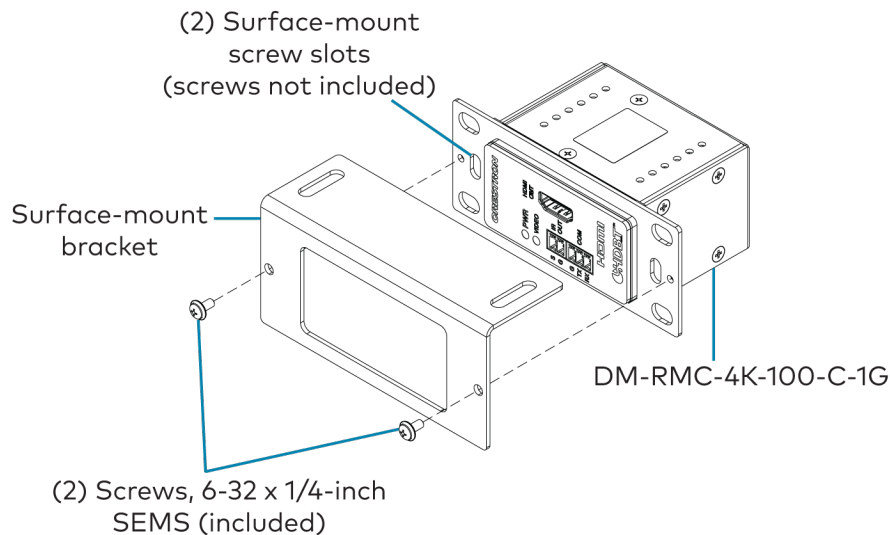Faceplate and screws
(not included)

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Mounting onto a Flat Surface

Mount the receiver onto a suitable flat surface such as the underside of a table.

1. Using a Phillips screwdriver and the two included 6-32 x 1/4-inch SEMS screws, attach the included surface-mount bracket to the receiver.
2. Attach the bracket to the flat surface using the two surface-mount screw slots and two mounting screws (not included).

Mounting onto a Flat Surface

(2) Surface-mount screw slots (screws not included)

Surface-mount bracket

DM-RMC-4K-100-C-1G

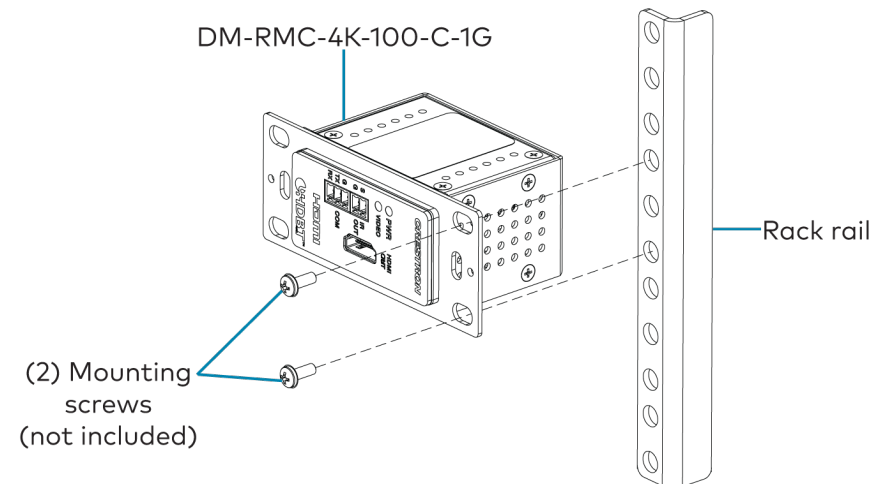(2) Screws, 6-32 x 1/4-inch SEMS (included)

Mounting onto a Rack Rail

Mount the transmitter onto the front or rear rail of a rack.

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

Mounting onto a Rack Rail

DM-RMC-4K-100-C-1G

Rack rail

(2) Mounting screws (not included)

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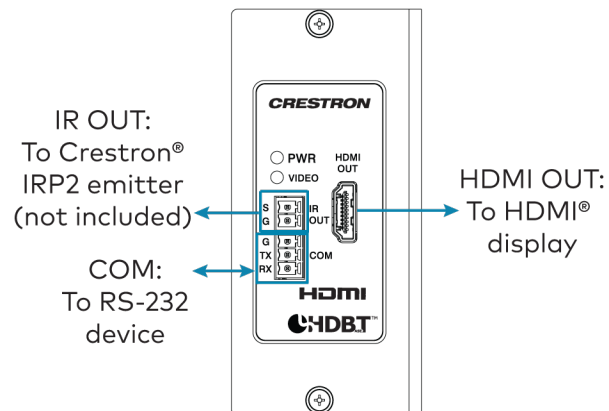
Connecting the Front of the Receiver

Connect the front of the receiver as required for the application.

> **NOTES:**
>
> - The IR OUT and COM (RS-232) ports are enabled only when the receiver is connected to an Ethernet-enabled DigitalMedia switcher or transmitter that is addressable from a Crestron control system.
> - Pass-through mode for CEC is supported when the DM-RMC-4K-100-C-1G is connected directly to a DigitalMedia transmitter. Full management of CEC is supported between the locally connected HDMI® device and a control system when connected to an Ethernet-enabled 4K DigitalMedia transmitter or switcher that supports CEC over the HDBaseT connection.

Connections to Front of Receiver

Visit the Product Page

Scan the QR code to visit the product page.

DM-RMC-4K-100-C-1G-B

www.crestron.com/model/6505627

DM-RMC-4K-100-C-1G-W

www.crestron.com/model/6505628

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Additional Information

Original Instructions
The U.S. English version of this document is the original instructions.
All other languages are a translation of the original instructions.

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HDMI