

TSD-2020-WMK-BB

Wall Mount Kit and Back Box for TSD-2020

- > Provides a wall mount solution for the TSD-2020 Touch Screen Display^[1]
- > Integral back box provides hidden storage for one Digital Graphics Engine (DGE-100 or DM-DGE-200-C) or DM® Receiver (DM-RMC-SCALER-C)^[1]
- > Includes built-in power distribution for the touch screen display and the DGE or DM receiver
- > Receives 24 VDC power from a Cresnet® network or power supply^[2]
- > Requires the TSD-2020-PMK Pre-Construction Mounting Kit^[1]

The TSD-2020-WMK-BB provides a wall mount solution for the Crestron® TSD-2020 20" HD Touch Screen Display. The unit incorporates a UL®-listed back box and front cover with integrated display mount for the TSD-2020. When installed, the combined front cover and touch screen display protrude just 1.8 inches (46 mm) from the wall surface. A professional appearance is achieved, with no wires visible. For an extra clean, "floating" appearance, the front cover can be painted to match the wall.

Designed for pre-construction applications, the back box is recess-mounted into the wall using the TSD-2020-PMK Pre-Construction Mounting Kit^[1]. This required kit permits fastening to the studs of a framed wall prior to installation of drywall. Two studs, positioned 16 inches O.C. (406 mm O.C.), are required. Top and bottom conduit knockouts are provided on the back box.

In addition to mounting the touch screen display, the TSD-2020-WMK-BB also provides a space within the back box to install either a Digital Graphics Engine (model DGE-100 or DM-DGE-200-C) or DigitalMedia™ Receiver (model DM-RMC-SCALER-C).^[1]

With built-in power distribution for the TSD-2020 and optional DGE or DM® receiver, the TSD-2020-WMK-BB eliminates the need for any AC outlets or bulky power packs at the touch screen display location. A 24 Volt DC Cresnet® power supply or Cresnet network connection is required to power the TSD-2020-WMK-BB.^[2]

Consult the installation manual for cutout dimensions, clearances, and complete mounting instructions.

SPECIFICATIONS

Connectors

24VDC OUT: (1) 2.1 x 5.5 mm DC power connector;
24 Volt DC power output to optional DGE-100, DM-DGE-200-C, or DM-RMC-SCALER-C^[1];
20 inch (508 mm) cable included

24VDC IN: (1) 2-pin 3.5 mm detachable terminal block;
24 Volt DC power input, connects to a Cresnet® control network (for power only) or a dedicated Cresnet power supply^[2]



Touch screen display sold separately.

19VDC OUT: (1) 2.5 x 5.5 mm DC power connector;
19 Volt DC power output to TSD-2020^[1];
29 inch (737 mm) cable included

Power Requirements

Cresnet Power Usage^[2]:

- 11 Watts (0.46 Amps @ 24 Volts DC) with TSD-2020 only;
- 21 Watts (0.88 Amps @ 24 Volts DC) with TSD-2020 & DGE-100;
- 23 Watts (0.96 Amps @ 24 Volts DC) with TSD-2020 & DM-RMC-SCALER-C;
- 35 Watts (1.46 Amps @ 24 Volts DC) with TSD-2020 & DM-DGE-200-C (with no PoDM PD attached)^[3];
- 51 Watts (2.13 Amps @ 24 Volts DC) with TSD-2020 & DM-DGE-200-C (with a Class 3 PoDM PD attached)^[3]

Environmental

Temperature: 32° to 95° F (0° to 35° C)
Humidity: 20% to 80% RH (non-condensing)

Construction

Back Box: Metal, (1) top and (1) bottom knockouts for 1/2 or 3/4 inch conduit; requires pre-construction mounting kit (TSD-2020-PMK sold separately); accommodates one optional DGE-100, DM-DGE-200-C, or DM-RMC-SCALER-C^[1]

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This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

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

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