

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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Front Cover: Metal, black, paintable, vented, integrated VESA 100x100 mm display mount for TSD-2020^[1]

Dimensions

Height: 10.10 in (257 mm)
Width: 14.69 in (373 mm)
Depth: 3.98 in (101 mm)

Note: Dimensions shown are overall; consult the installation manual for actual cutout dimensions, clearances, and complete mounting instructions.

Finished Depth: 1.79 in (46 mm) from outer wall surface with TSD-2020^[1] installed

Weight

7.80 lb (3.54 kg) without touch screen display or other devices

MODELS & ACCESSORIES

Available Models

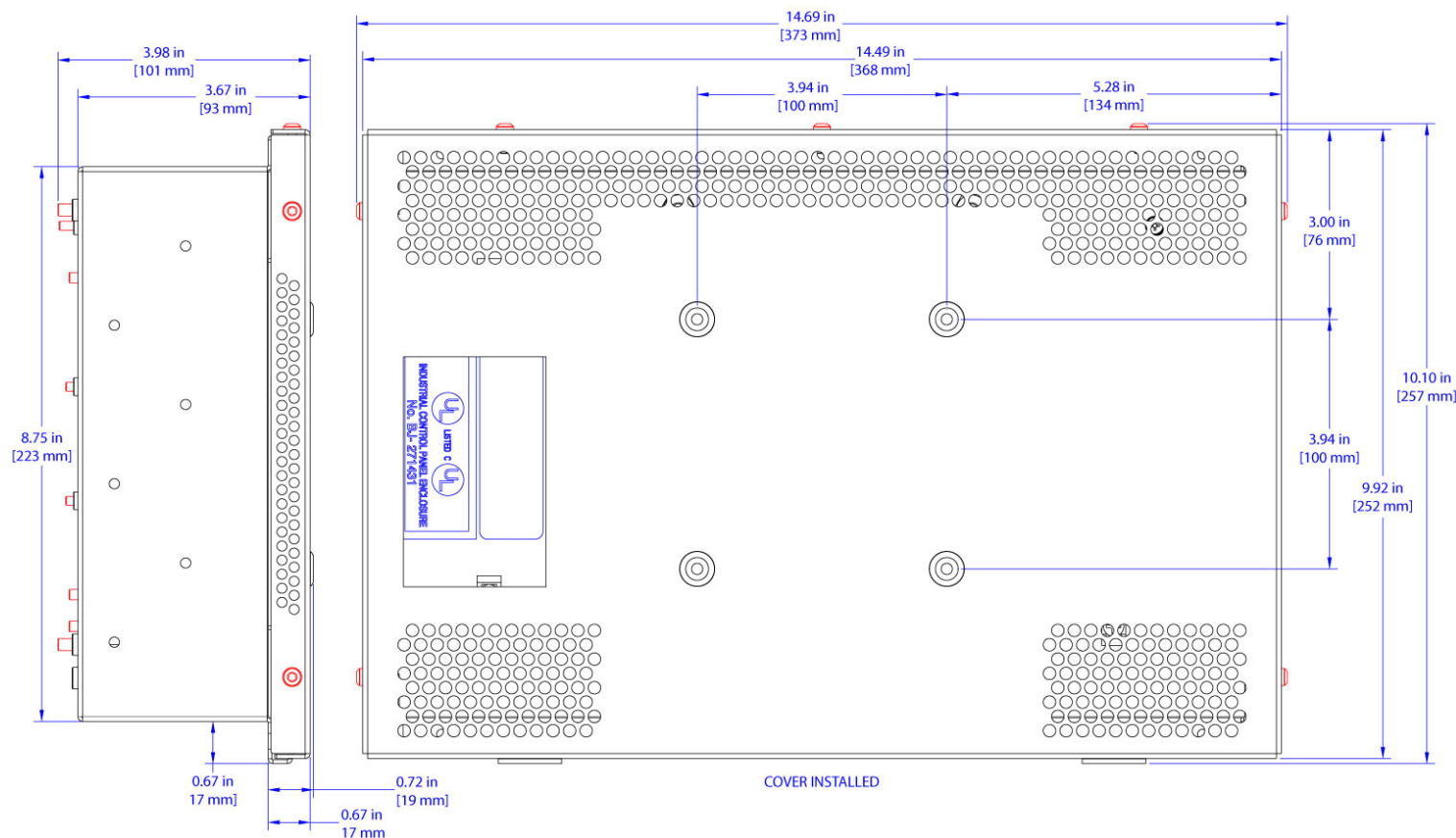
TSD-2020-WMK-BB-B: Wall Mount Kit and Back Box for TSD-2020, Black

Available Accessories

TSD-2020-PMK: Pre-Construction Mounting Kit for TSD-2020-WMK-BB
DGE-100: Digital Graphics Engine 100
DM-DGE-200-C: 4K DigitalMedia 8G+[®] Digital Graphics Engine 200
DM-RMC-SCALER-C: DigitalMedia 8G+[®] Receiver & Room Controller w/Scaler
CNPWS-75: Cresnet Power Supply, 75 Watts
CNPWSI-75: Cresnet Power Supply, 75 Watts - International Version, 230V
DIN-PWS50: DIN Rail 50 Watt Cresnet Power Supply
GLA-PWS50: Wall Mount 50 Watt Cresnet Power Supply
GLA-PWSI50: Wall Mount 50 Watt Cresnet Power Supply - International Version

Notes:

- Item(s) sold separately.
- May be powered by Cresnet network power or a dedicated Cresnet power supply. Connection to a Cresnet network or power supply is for power only. Cresnet communication is not supported.
- The DM-DGE-200-C is capable of supplying up to 15.4 Watts to a single PoDM PD (Power over DM Powered Device) such as a DM transmitter. The Cresnet power source that powers the TSD-2020-WMK-BB must be sized to accommodate the full load of the DM-DGE-200-C and the connected PoDM powered device.



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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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