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# TPMC-3SM

## 2.8" Touch Screen w/Room Scheduling

- > Modern, contoured appearance
- > Thin profile and small footprint
- > Affordable and easy to install
- > Designed for use with Fusion RV® room scheduling
- > 2.8" active-matrix color touch screen
- > 16-bit color graphics
- > 240 x 320 resolution
- > Streaming video capability
- > Quick-access pushbuttons
- > Dual-color LED button backlighting
- > Single-wire Ethernet connectivity
- > PoE network powered
- > Single-gang wall box mountable
- > Available with smooth black or white finish

Compact and affordable, the TPMC-3SM works with Crestron® Fusion RV® Remote Asset Management Software to deliver a powerful room scheduling solution for office buildings, conference centers, and other large facilities. Installed outside the entrance to every meeting room, the TPMC-3SM provides an immediate view of each room's availability, with the ability to look up the calendar for any room on the network, and even reserve the room right on-the-spot. The dual-color buttons give a clear indication of a room's status at-a-glance, lighting green when the room is available and red when it is in use. The touch screen's contoured shape assures that the buttons remain clearly visible at a distance to either side — even when mounted in a narrow hallway.

### Color Touch Screen

Its brilliant 2.8" touch screen boasts 16-bit color graphics, providing an intuitive and alluring user interface for viewing and editing room schedules and meeting information.

### Tactile Pushbuttons

To complement its color touch screen, the TPMC-3SM includes physical pushbuttons for quick access to commonly used functions. The "Today" button at the upper left corner jumps to the current day view, while the "Close" button at the upper right quickly closes whatever page is currently displayed. Both buttons feature translucent button caps with dual-color LED backlighting, which light green when the room is available and red when it is unavailable.

Below the screen are additional buttons. The "Select" button (labeled with a + sign) provides a quick way to select a meeting to view its details, or select a time slot to reserve a room, depending on the current view on screen. "Down" and "Up" buttons enable scrolling through the day's schedule, while the "More" button on the left accesses the next available page of info, rooms, or days.



### Single-Wire PoE Connectivity

An Ethernet LAN connection is all that is required to wire the TPMC-3SM. The TPMC-3SM gets its operating power right through the LAN wiring using PoE technology. PoE (Power over Ethernet) eliminates the need for a local power supply or any dedicated power wiring. A PoE Injector (PWE-4803RU<sup>[1]</sup>) simply connects inline with the LAN cable at any convenient location. Crestron PoE switches (CEN-SW-POE-5, CEN-SWPOE-16, or CEN-SWPOE-24<sup>[1]</sup>) may also be used to provide a total networking solution with built-in PoE.

### Simple Wall Box Mounting

The TPMC-3SM mounts directly to a single-gang electrical box or European/UK electrical box, requiring just 1/2-inch mounting depth while protruding just over 1/2-inch from the wall surface for a clean, low-profile appearance.

## SPECIFICATIONS

### Touch Screen Display

**Display Type:** TFT Active matrix color LCD  
**Size:** 2.8 inch (72 mm) diagonal  
**Aspect Ratio:** 3:4 QVGA (portrait orientation)  
**Resolution:** 240 x 320 pixels  
**Brightness:** 350 nits (cd/m<sup>2</sup>) typical  
**Contrast:** 500:1 typical  
**Color Depth:** 16-bit, 64k colors  
**Illumination:** Backlit LED  
**Viewing Angle:** ±75° horizontal, +75/-55° vertical  
**Touch Screen:** Resistive membrane

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## Buttons

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**Hard Keys:** (2) programmable pushbuttons, translucent backlit, labeled with icons for "Today" and "Close"

**Feedback/Backlight:** (1) red and (1) green LED per hard key, programmable for feedback and backlighting

**More:** (1) programmable button, labeled with "more" icon

**▲, ▼:** (1) programmable rocker button, labeled with "down" and "up" arrow icons

**Select:** (1) programmable button, labeled with "+" icon

**Reset (bottom):** (1) Recessed pushbutton behind pinhole for hardware reset

## Memory

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**RAM:** 128 MB

**Flash:** 256 MB

**Maximum Project Size:** 20 MB

## Graphic Engine

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16-bit non-palette graphics, 65,536 colors, multi-mode objects; dynamic graphics and text; PNG translucency; animation; transition effects

## Communications

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**Ethernet:** 10/100 Mbps, auto-switching, auto-negotiating, auto-discovery, full/half duplex, DHCP, IEEE 802.3af and 802.3at compliant

## Video

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**Streaming Formats:** MJPEG

## Connectors

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**LAN PoE:** (1) 8-wire RJ45 with 2 LED indicators;

10Base-T/100Base-TX Ethernet port;

Power over Ethernet compliant;

Green and yellow LEDs indicate Ethernet port status

## Power Requirements

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**Power over Ethernet:** IEEE 802.3af (802.3at Type 1) Class 2 PoE Powered Device

## Environmental

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**Temperature:** 32° to 104°F (0° to 40°C)

**Humidity:** 10% to 90% RH (non-condensing)

**Heat Dissipation:** 14 BTU/Hr

## Enclosure

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**Construction:** Plastic, black or white, smooth finish

**Mounting:** Requires a 1-Gang electrical box or plaster ring, 1-Gang UK (BS 4662) electrical box, or 1-Gang European (DIN 49073) electrical box; choice of standard or security screw provided

## Dimensions

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**Height:** 4.50 in (115 mm)

**Width:** 3.38 in (86 mm)

**Depth:** 1.05 in (27 mm)

## Weight

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4.5 oz (126 g)

## MODELS & ACCESSORIES

### Available Models

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**TPMC-3SM-B-S:** 2.8" Touch Screen w/Room Scheduling, Smooth Black

**TPMC-3SM-W-S:** 2.8" Touch Screen w/Room Scheduling, Smooth White

### Available Accessories

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**SW-FUSION-RV:** Fusion RV® Remote Asset Management Software

**PWE-4803RU:** PoE Injector

**CEN-SW-POE-5:** 5-Port PoE Switch

**CEN-SWPOE-16:** 16-Port Managed PoE Switch

**CEN-SWPOE-24:** 24-Port Managed PoE Switch

**CEN-NVS200:** Network Video Streamer

**SW-VMK-WIN:** TouchPoint® Virtual Mouse & Keyboard Software for Windows®

Notes:

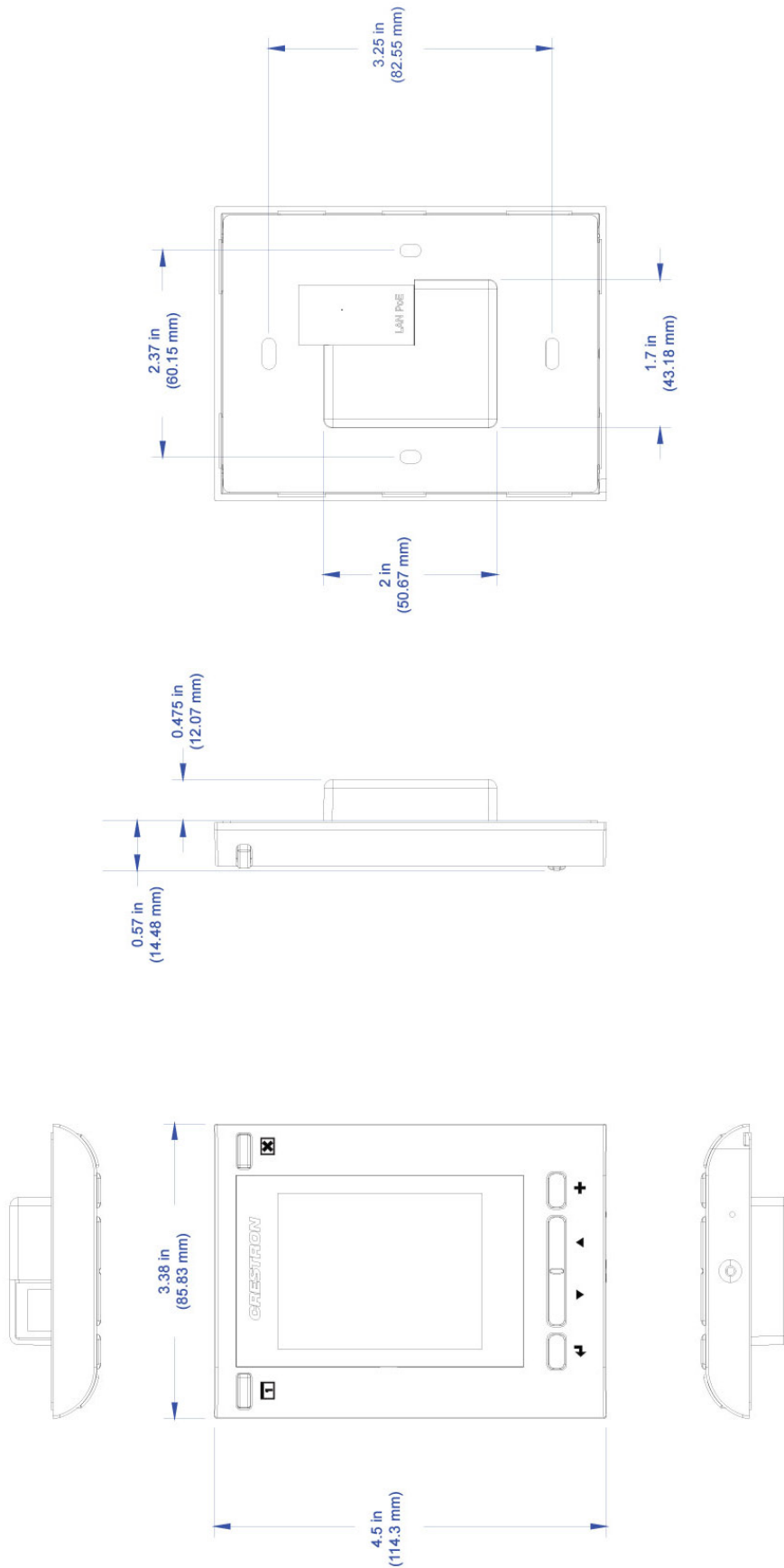
1. Item(s) sold separately.

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](http://www.crestron.com/salesreps) or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: [patents.crestron.com](http://patents.crestron.com).

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