

CAPTURE-TPMC-4SM

Touch Screen Controller for CAPTURE-HD

- > Provides simplified operation of a CAPTURE-HD recorder
- > Compact design installs virtually anywhere
- > No programming required
- > 4.3" widescreen color touch screen
- > Clear status indication
- > Live camera monitoring
- > Proximity sensor wakes the screen automatically
- > Single-wire Ethernet connectivity
- > PoE network powered
- > Versatile wall, surface, and tabletop mounting options^[3]
- > Available in smooth black or white

This compact touch screen controller enables simplified day-to-day operation of the Capture HD® High-Definition Capture Recorder (CAPTURE-HD^[1]) for recording lectures and meetings. The instructor or presenter need only follow the prompts on the touch screen to easily start and stop a recording, pause or mute the recording and add bookmarks^[2] during the session, and make very basic adjustments when needed. The touch screen can also display a live view of the presenter's camera and a microphone level meter to lend an extra level of confidence during operation. The CAPTURE-TPMC-4SM Touch Screen Controller is available in white or black, and can be installed at a lectern, mounted in a wall, or placed on a tabletop^[3].

Capturing lectures and meetings is a breeze using the CAPTURE-TPMC-4SM Touch Screen Controller, with special features included to ensure reliable results. When starting a recording, the touch screen displays a level meter for testing and adjusting the presenter's microphone, and a video window for previewing the camera image. If desired, the presenter can select whether to capture just the camera, the presentation content (a computer or other multimedia source), or both in either a side-by-side or picture-in-picture (PIP) layout. Advanced user settings are available for changing the PIP window size and position, adjusting audio levels, and specifying the video capture format and file storage location. Critical settings can be password protected to prevent any unauthorized changes.

The recording doesn't begin until the presenter is ready, and while recording s/he can add bookmarks^[2], mute the audio, or pause for a break, all via clearly labeled buttons on the touch screen. Clear status is provided on screen, and via indicators on either side of the screen which illuminate red when recording and flash when paused or muted.

The CAPTURE-TPMC-4SM features a very small footprint and a range of mounting options, allowing for installation on virtually any surface^[3]. Complete connectivity is provided through a simple Ethernet connection, communicating directly over the LAN with the CAPTURE-HD device (no control system required). PoE technology eliminates the need for any additional wiring, powering the touch screen through the Ethernet connection using a PWE-4803RU^[1] or other PoE power source. Video preview is enabled using a camera with built-in MJPEG streaming (Crestron® CAM-IFB-100 or similar^[1]) or using a standard camera along with a Crestron Network Video Streamer (CEN-NVS200 or DM-TXRX-100-STR^[1]).



SPECIFICATIONS

Touch Screen Display

Display Type: TFT Active matrix color LCD
Size: 4.3 inch (109 mm) diagonal
Aspect Ratio: 16:9 WVGA
Resolution: 800 x 480 pixels
Brightness: 270 nits (cd/m²)
Contrast: 300:1
Color Depth: 16-bit, 64k colors
Illumination: Backlit LED
Viewing Angle: ±80° horizontal, ±80° vertical
Touch Screen: Resistive membrane

Buttons & Indicators

Feedback: (10) red LED backlit buttons for indication of Recording, Pause, and Mute status (button presses have no function)^[3,4]
Reset: (1) Recessed pushbutton behind pinhole for hardware reset

Proximity Sensor

Type: Active infrared beam and receiver
Range: 3-4 feet
Wakes the touch screen and backlight

Graphics Engine

16-bit non-palette graphics, 65,536 colors, pre-programmed for use with the CAPTURE-HD High-Definition Capture Recorder^[4]

Communications

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

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Video

Streaming Formats: MJPEG (for camera preview)⁽⁴⁾

Connectors

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

Power over Ethernet: 802.3at Type 1 (802.3af compatible) Class 3
(12.95W) PoE Powered Device

Environmental

Temperature: 32° to 104°F (0° to 40°C)
Humidity: 10% to 90% RH (non-condensing)
Heat Dissipation: 14 BTU/Hr

Enclosure

Construction: Plastic, black or white, smooth finish
Front Bezel: Plastic, hard buttons installed with unlabeled button covers
Mounting: Lectern, wall, or tabletop mount; fits a horizontally-oriented 1-Gang electrical box or plaster ring, or a 1-Gang European (DIN 49073) electrical box; choice of standard or security screws provided; optional universal wall, multi-surface, and table top mounting kits sold separately

Dimensions

Height: 3.47 in (89 mm)
Width: 6.20 in (158 mm)
Depth: 1.21 in (31 mm)

Weight

8.8 oz (249 g)

MODELS & ACCESSORIES

Available Models

CAPTURE-TPMC-4SM-B-S: Touch Screen Controller for CAPTURE-HD, Black Smooth

CAPTURE-TPMC-4SM-W-S: Touch Screen Controller for CAPTURE-HD, White Smooth

Available Accessories

WMKU-4SM: Universal Wall Mount Kit

MSMK-4SM: Multi-Surface Mount Kit

TTK-4SM: Tabletop Kit

SMK-4SM/730: Swivel Mount Kit for TTK-4SM

PWE-4803RU: PoE Injector

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

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

CEN-NVS200: Network Video Streamer

DM-TXRX-100-STR: HD Streaming Transmitter/Receiver

Notes:

1. Item(s) sold separately.
2. The bookmark feature requires integration with Fusion RV[®] software (sold separately). Playback of bookmarked recordings is exclusively supported using Crestron Media Player. Crestron Media Player is a Web-based streaming media player that is included as part of the Media Services component of Fusion RV. Refer to the Crestron [CaptureLiveHD™](#) spec sheet for additional information.
3. Some installations may require additional mounting accessories. See specifications for all mounting options.
4. Specifications shown are based on the standard OOTB (Out Of The Box) program that is included and preloaded on every model CAPTURE-TPMC-4SM to enable use with the [CAPTURE-HD](#). Replacing the OOTB program with a custom program enables all the features, capabilities, and specifications of a standard [TPMC-4SM](#) touch screen.

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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