SmarTV Touch Panel

The SmarTV Touch Panel is a self-contained, wall mount touch-screen for automated device control and display applications. This low-profile, 7-inch full-color touch panel mounts easily into any standard two-gang wall box and can be reoriented horizontally or vertically in seconds.

The SmarTV Touch Panel can act as a standalone control/display unit or communicate with an external server. Its user interface is also completely customizable for a wide range of control and display applications, including:

- Automated device control
- Device and Room Status
- Time, Date, Temperature, and Weather
- Standard and Emergency Messaging
- Intercom
- Advertising

The SmarTV Touch Panel has built-in stereo speakers, microphone, and an ambient light sensor for automatic display brightness. Lightweight but powerful, the unit includes an Ethernet port for TCP/IP network communications and can be powered either by Power Over Ethernet (POE) or an external 48VDC power supply.

HIGHLIGHTS:

- PortraScape display can be oriented vertically or horizontally after wall installation
- Complete room and device control from touch screen
- Customizable user interface
- Built-in stereo speakers
- Power-over-Ethernet or 48V DC external supply
- Built-in microphone and ambient light sensor
- Mounts in a standard low-voltage 2-gang wall-box

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Technical Specifications

Communications

TCP/IP via 10/100 Base-T over CAT5e cable

Operating System

Linux

Display

- 7-inch diagonal full-color, LED backlit LCD featuring wide-viewing angle MVA technology
- PCT (Projected Capacitive Touch) overlay

Dimensions

Base Unit with Display: 5.9" (W) x 8.34" (H) x 2.41" (D)

Weight

1.6 lbs. (0.73 kg)

Connections

- External DC Power: Maximum 48V DC @ .3 Amps, (via rear-panel 2.1mm x 5.5mm barrel jack)
- Power-over-Ethernet (POE): POE - equipped LAN)via rear-panel RJ-45 jack)
- Network: Ethernet LAN 10/100 Base-T (via rear-panel RJ-45 jack)
- USB 2.0/: For service (via rear-panel USB port)

Power Amplifier/Speakekrs

- Amplifier: 1 Watt per channel (RMS)
- Built-in stereo speakers

Power Requirements

- 48V DC using POE via RJ45 input or 48V DC external power supply

Power Consumption

- Idle: 5.5 Watts
- Maximum: 12.5 Watts

Wiring Requirements

CAT5e cable recommended for LAN connections

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