

TPS-6X-IMCW

Interface Module for TPS-6, TPS-6X-DS, TPS-6X-DS-LP, & TPMC-9

The TPS-6X-IMCW is the interface module that is included with the Isys? **TPS-6** and **TPMC-9** Tilt Touchpanels, **TPS-6X** Wireless Touchpanel, and **TPS-6X-DS** Docking Station. It provides a convenient pluggable connection via a single 10-pin RJ50 jack on its front panel. On the rear are connections for Cresnet®, Ethernet, balanced or unbalanced video, and a choice of Cresnet or local DC power. An additional DC power jack is included on the front panel to simplify the connection of a local power supply in a typical wall mount application.

Using the hardware provided, the TPS-6X-IMCW can be mounted in a standard 1-gang electrical box, to a flat surface, or to a 19-inch rack-rail. Multiple TPS-6X-IMCW interface modules may be purchased individually and installed as part of a complete system to provide multiple touchpanel connection locations.

SPECIFICATIONS

Connectors – Front Panel

TO PANEL: (1) 10-pin RJ50 female;

Connection for [TPS-6](#) or [TPMC-9](#) touchpanel, or [TPS-6X-DS](#)

PWR 24VDC .75A: (1) 2.1mm barrel DC power jack;

24 Volt DC power input;

[PW-2407WU](#)

Connectors – Rear Panel

PWR 24VDC .75A: (1) 2.1mm barrel DC power jack;

24 Volt DC power input;

[PW-2407WU](#)

NET: (1) 4-pin 3.5mm detachable terminal block;

BAL VIDEO IN: (1) 3-pin 3.5mm detachable terminal block;

Balanced composite video input;

Input Impedance: 100 ohms nominal;

Input Level: 1 Vp-p nominal, 1.5 Vp-p maximum;

Maximum DC Offset: ± 2 Volts;

Connects to any Crestron CAT5 Video Out port via [CresCAT](#)

UNBL VIDEO IN: (1) 2-pin 3.5mm detachable terminal block;

Unbalanced composite video input;

Input Impedance: 75 ohm nominal;

Input Level: 1 Vp-p nominal, 1.5 Vp-p maximum;

Maximum DC Offset: ± 2 Volts;

Connects to any conventional coax video source;

LAN: (1) 8-wire RJ45, 10/100BaseT Ethernet port

Ground: (1) Flying lead, grounding wire

Indicators

PWR: (green) Indicates DC power supplied from Cresnet network or DC power pack

Power Requirements

Power Pack: 0.75 Amps @ 24 Volts DC;

100-240 Volts AC, 50/60 Hz power pack, model [PW-2407WU](#)

Cresnet Power Usage: 0.5 Watt (0.02 Amps @ 24 Volts DC), module only;

18 Watts (0.75 Amps @ 24 Volts DC) with [TPS-6X](#) or [TPS-6XNL](#) connected;

16 Watts (0.67 Amps @ 24 Volts DC) with [TPS-6](#) or [TPMC-9](#)

Note: May be powered by Power Pack or Cresnet network

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power, not both.

Environmental

Temperature: 32° to 112°F (0° to 45°C)

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

Enclosure

Construction: Metal, black matte powder coat finish, includes (2) metal decorator style inserts to allow choice of black or white front panel

Flush Wall Mount: 1-gang mountable in a standard electrical box (2.5 inch deep minimum); requires decorator style faceplate (not included)

Surface Mount: Surface mount bracket included

Rack Mount: Mountable to a single 19-inch EIA rack rail

Dimensions

Height: 4.11 in (105 mm)

Width: 1.72 in (44 mm);

Depth: 1.43 in (37 mm);

Weight

5.7 oz (162 g);

ACCESSORIES

CRESNET-HP-NP-TL-SP1000:

CRESNET-NP-BK-B500:

CRESNET-P-BK-SP500:

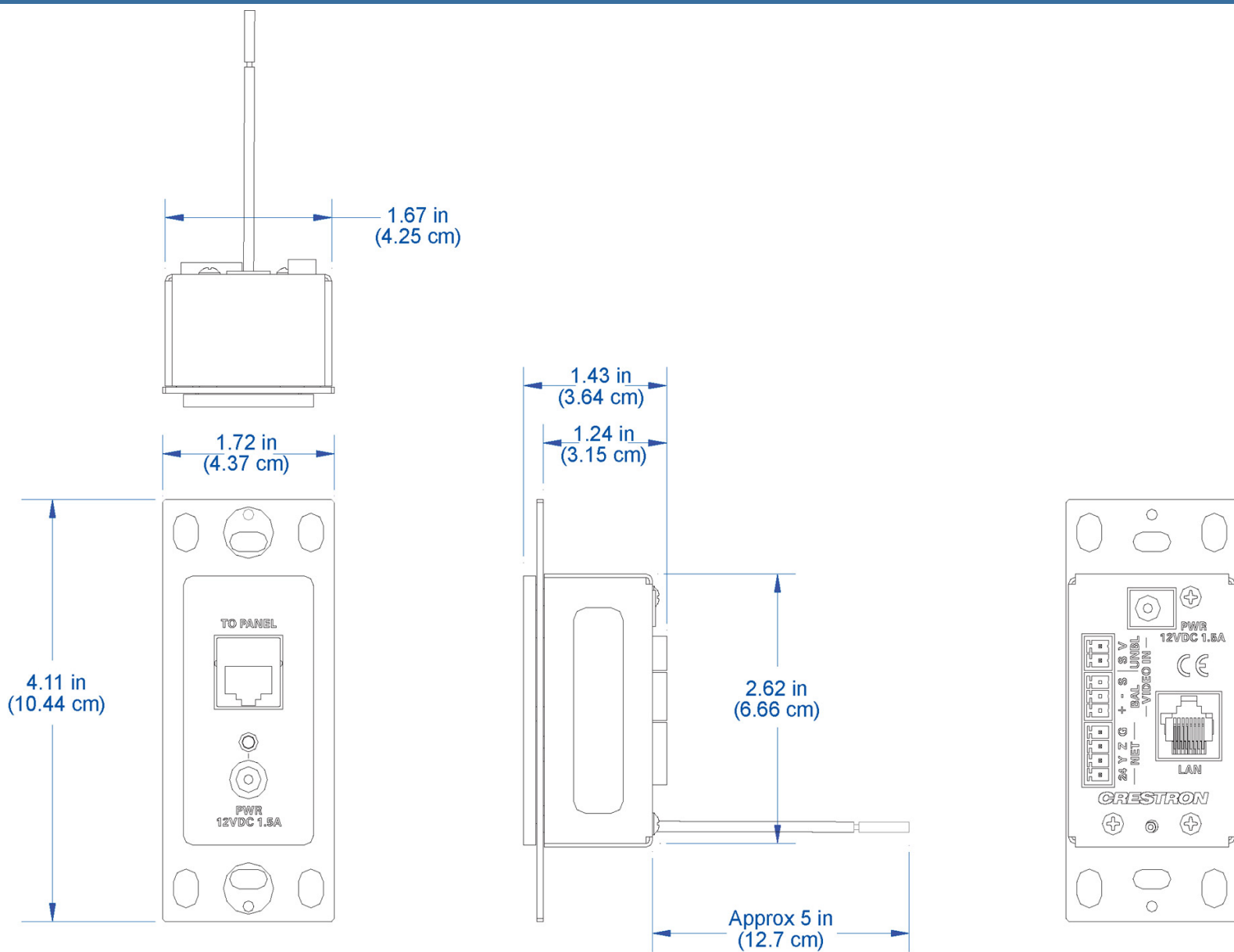
CRESNET-NP-TL-SP1000:

CRESNET-P-TL-SP1000:

PW-2407WU:

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