TPS

Touch Panel Station

Overview

The Pharos TPS (Touch Panel Station) is an elegant interface with a customisable, 4.3” capacitive touch screen, that works with any Pharos Controller.

Features

Touch Interface

A 4.3″ vivid colour capacitive touchscreen makes navigating your project’s controls appealing and intuitive. It’s quick and easy to activate presets, manual overrides, or even use a custom colour picker to personalise your lighting. The TPS puts control of your Pharos system at your fingertips.

Customisable

Create your fully customisable user interface using the free Pharos Designer software. Create multiple pages of controls including buttons, sliders, keypads and colour pickers, and configure their appearance and visual feedback. Make it eye-catching by importing your own graphics or picking from one of our attractive themes.

Pharos Trigger

Timing is everything. Whatever the stimulus, Pharos Trigger can handle it. You can control your lighting with responsive, reactive programming. Pharos Trigger is a rules engine that uses conditional logic and a broad range of interfaces and protocols. Send and receive any command, to and from any system. Conditional logic is supported, along with a powerful built-in scripting language for unlimited flexibility.

Flexible

Be limited by your design brief, not your interface. Whether you want to show a few simple buttons, or use custom branded graphics, the touch panel supports it all. It is also capable of supporting any font, including those with extended character sets; e.g. Chinese, Korean, Japanese.

Learning IR

The TPS may be taught to recognise up to 16 different IR codes from a standard infra-red remote control. When one of these keys on the remote control is pressed, the TPS will treat that as a press on its own screen.

Scalable

Multiple Touch Devices can be combined with one or more Pharos controllers on the same network to build the ideal system for your installation, with a maximum of 40 Controllers and Touch Devices in total. Each Touch Device is easily programmed using our Designer software.

Network

Works with any Pharos Controller, and links to it using standard protocols over an Ethernet network.

Pharos Designer

Programmed and configured using the free Pharos Designer software – available for Windows or Mac OS X – with upload over Ethernet.

PoE Powered

As a Power-over-Ethernet (PoE) device, the TPS can be placed at any remote location and only needs a single Cat5 cable that provides both power and data.

5 Year Warranty

Designed and manufactured in the UK, with quality and reliability our top priority.

Certifications

CE compliant, ETL/cETL listed, and California Title 20/24 compliant.

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Specifications subject to change without notice (01-05-2021).

Capabilities

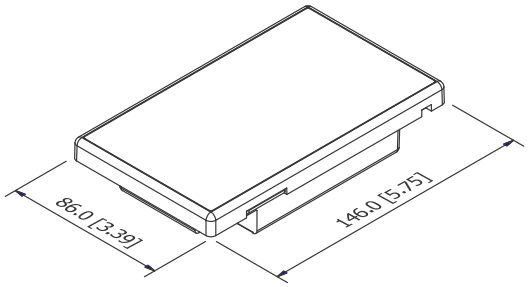
Orientation	Portrait or landscape
Layouts	Free editable layouts
Pages	Any number of pages
Navigation	Convenient and custom navigation via configurable navigation bars
Fonts	Custom font support, including fonts with extended character sets e.g. Chinese, Korean, Japanese
Themes	Wide selection of themes available to download, or create your own with Designer's theme editor
Controls	A wide array of customisable buttons, sliders, colour pickers, labels, keypads and clocks
Flexible integration	Fully integrated with Pharos Trigger, so button states, graphics, and captions can change according to any number of preset triggers
Infra-red	Learning IR allows any standard remote control to be used to activate button presses/state changes
Secure access	Keypad for PIN-code entry; multiple user levels
Commissioning	Commissioned with Pharos Designer

Interfaces

Ethernet	RJ45 socket for 10/100Base-TX Ethernet with Link/Data LEDs; Static IP or DHCP
Touchscreen	4.3" capacitive touch; 480×272 24bpp; 340 cd/m2; magnetic overlay
IR Sensor	Learning IR sensor for remote control
Temperature	Built-in ambient temperature sensor

Specifications

Certifications	CE compliant, ETL/cETL listed
Power Required	PoE (IEEE802.3af, Class 2) 4W typical Any Pharos Controller
Data Storage	Removable SD Card (supplied)
Temperature	0°C to 50°C (32°F to 122°F)
Humidity	10-50% relative, non-condensing
Ingress	IP40
Physical	Wall mounted, partly recessed in UK 2-gang 35mm or custom US 2.5" backbox (supplied separately) 0.25 kg (0.55 lbs)
Shipping	20 x 15 x 12 cm (8" x 6" x 5") 0.6 kg (1.3 lbs)
Recovery	Hardware watchdog and recessed reset button
Warranty	5 years



Order Code & Variants

TPS BB	Touch Panel Station Black-on-Black (Touch Device)*
TPS CC	Touch Panel Station Cream-on- Cream (Touch Device)
TPS WW	Touch Panel Station White-on-White (Touch Device)
TPS FBB	Flush back box
TPS SBB	Surface back box

* TPS BB is default colour and shipped as standard

Colour Information

Cream	Bayblend T45 (UL94 HB) RAL 9001 cream
Signal White	Bayblend T45 (UL94 HB) RAL 9003 signal white
Jet Black	Bayblend T45 (UL94 HB) RAL 9005 jet black

Pharos Controller required

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