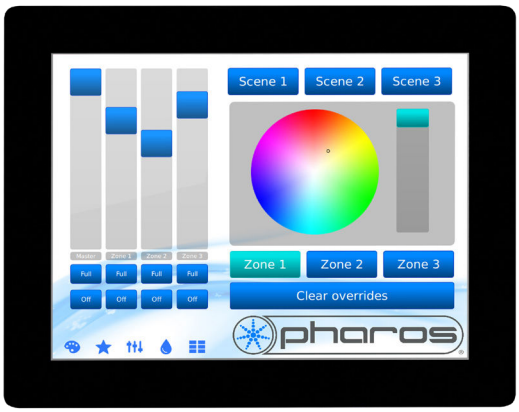
Touch Panel Station 8

The Pharos TPS 8 (Touch Panel Station 8") is a new, spacious, elegant interface with a customisable, 8" capacitive touch screen, compatible with any Pharos Designer Controller.

The front panel is a seamless, uninterrupted glass plate available in Black and in White, giving an elegant touch experience, and superior aesthetics. And, with a unique and innovative universal mounting solution, the TPS 8 will be easy to wall mount in your installation, regardless of region.



TPS 8 Features

Touch Interface
A new, updated 8" vivid colour capacitive touchscreen makes navigating your project's controls appealing and intuitive. It's quick and easy to activate presets, manual overrides, or use a custom colour picker to personalise your lighting. The TPS 8 puts control of the Pharos Designer 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, with support for extended character sets, such as Arabic, Chinese, Cyrillic, Japanese and Korean.

New and Improved Touchscreen
The TPS 8 is designed using the latest technology. The new IPS screens have a high DPI, with a resolution of 1024x768 in an 8" display. And, with new technology, comes greater responsiveness with the interface, giving smooth transitions, high screen fidelity and generous processing power, allowing freedom to load as many pages as needed.

Designer (v2.10 and above)
Create interface pages in Pharos Designer 2 at the same time you program the controller, and upload in one simple operation.

Installation
The TPS 8 ships with a new, innovative wall-mounting system. The Universal Mounting plate can be fitted to a wide range of regulation backboxes, including UK, US and EU. The TPS 8 fits to the mounting plate via a bayonet twist system which is not immediately obvious to an observer. This keeps it securely fastened with a toolless installation, and the MicroSD card remains securely out of reach whilst installed.

Scalable
Multiple Touch Devices can be combined with one or more Pharos Designer 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
The TPS 8 requires any Pharos Designer Controller, and links to it using standard protocols over an Ethernet network.

Power-over-Ethernet
As a Power-over-Ethernet (PoE) device, the TPS 8 can be placed at any remote location and only needs a single Cat5 cable that provides both power and data.

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Specifications subject to change without notice.

Capabilities

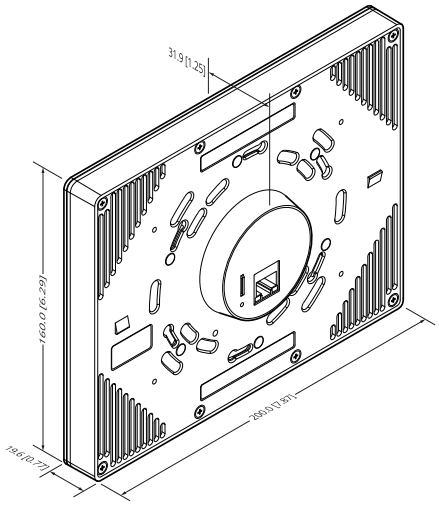
Orientation	Portrait or landscape
Layouts	Free editable layouts
Pages	Any number of pages, although performance may be affected by complexity and number
Navigation	Convenient and custom navigation via configurable navigation bars
Fonts	Custom font support, including fonts with extended character sets e.g. Arabic, Chinese, Cyrillic, Japanese and Korean.
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 Designer Trigger, so button states, graphics, and captions can change according to any number of preset triggers
Secure Access	Keypad for PIN-code entry; multiple user levels
Commissioning	Commissioned with Pharos Designer 2.10 and above

Interfaces

Ethernet	RJ45 socket for 10/100Base-TX Ethernet with Link/Data LEDs; Static IP or DHCP
Touchscreen	8" capacitive touch; 1024x768 24bpp; 500 cd/m²

Specifications

Power Required	PoE (IEEE802.3af, Class 0) 10W typical Any Pharos Designer Controller
Data Storage	Removable MicroSD Card (supplied)
Temperature	0°C to 50°C (32°F to 122°F)
Humidity	10-95% relative, non-condensing
Ingress	IP40
Physical	Wall mounted, partly recessed with a custom mounting plate that supports UK & EU 2-gang 35mm, or US 2-gang and 3-gang 2.5" backbox (mounting plate included) 0.25 kg (0.6 lbs) (ex. mounting plate)
Shipping	33 x 24 x 4.5cm (13" x 9.6" x 2") 1.1 kg (2.5 lbs)
Recovery	Hardware watchdog and recessed reset button



Order Code & Variants

TPS 8 B	Designer Touch Panel Station 8" Black (Wall mount touchscreen interface)
TPS 8 W	Designer Touch Panel Station 8" White (Wall mount touchscreen interface)

Pharos Universal Mounting Plate 8" included

If no colour is specified, TPS 8 B will be shipped by default

Pharos Designer Controller required

	Colour Information
Signal White	Bayblend T65XF (UL94 HB) RAL 9003 signal white
Jet Black	Bayblend T65XF (UL94 HB) RAL 9005 jet black

Warranty & Certifications

Warranty	5 years
Certifications	CE compliant, UKCA compliant, UL/cUL listed.

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