



TSE100

10" LCD Colour Touchscreen

Key Features

- 10 inch diagonal backlit capacitive LCD touchscreen.
- Supports multi-touch & gesture
- 1280 X 800 pixel resolution
- Connects directly to the iCANnet™ network
- Also supports PoE Ethernet connection
- No reliance on central gateway product for control of lighting/shading, lighting edit and native iLight HVAC control
- 2 part construction to allow for 1st and 2nd fix
- Fits standard UK 9/12 module 47mm deep back box
- All graphics and buttons can be customised
- Pass code feature to allow different access levels
- CE & UKCA compliant to all relevant standards
- Designed and manufactured to ISO9001 standard



Overview

The TSE100 touchscreen is a flexible user interface which provides the user with an intuitive means by which to control the whole built environment including lighting, shading and HVAC. The LCD capacitive screen provides virtually limitless system configuration and control. All pages, content and objects can be tailored to suit the precise needs of the user.

TSE100 comes with a choice of graphical skins which can be selected easily at the programming stage to the clients preference. The look can be further personalised by adding custom background images reinforcing brand identity in retail, hospitality and commercial environments.

TSE100 connects directly to the iLight network or via Ethernet using a TSI-1 touchscreen interface.



'User Friendly' Software

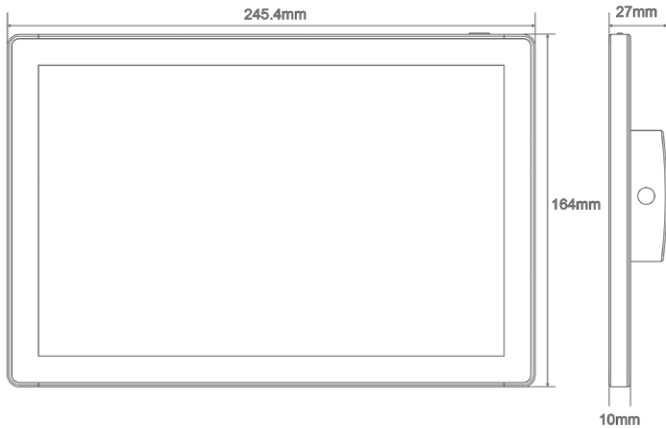
Screen Design and Customisation requires TSEdesigner Software License. The software incorporates a quick start wizard and full design mode for simple or custom screen designs.

Background images can be quickly applied using the browse function and virtual buttons positioned at any point with a simple 'drag & drop' action. By applying a different appearance to the button, they can be used to show when a function has been activated.

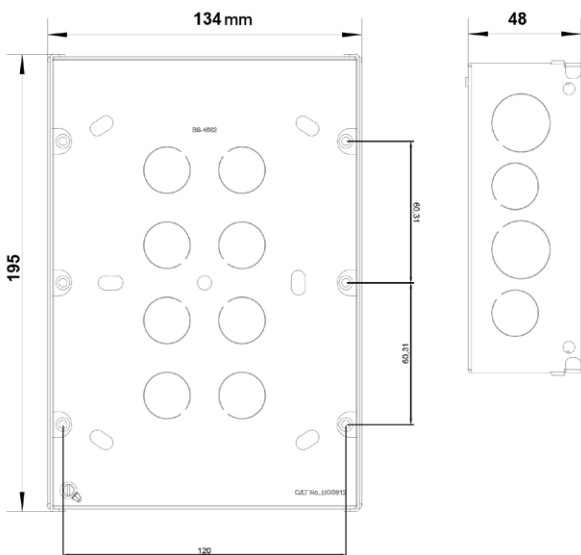
Functionality

- Scene Selection
- Scene programming
- Channel level edit via graphical sliders showing percentage.
- Scene and channel naming
- Task / sequence programming
- Default screen programming
- Photocell / motion sensor interaction
- Ability to import room layout drawings, logos & graphics
- Ability to insert soft buttons for activating scenes and / or channels.

Dimensions



Optional back box



Electrical

Supply:
15VDC (12-18V) via iCANnet™
12-24V DC auxiliary power supply
or Power over Ethernet (PoE)

Current Consumption:
12V DC - 660mA Max
24V DC - 330mA Max

Programming: iLight TSEdesigner software via Ethernet connection

Diagnostics, set up & programming - Via Ethernet

Firmware & App Update: Via USB or Ethernet

Mechanical

Dimensions: 245.4mm (w) x 164mm (h) x 27mm (d)

Minimum mounting depth without back box: 20mm

Minimum mounting depth with back box: 47mm

Display: 10" (254mm) Diagonal

Resolution: 1280 x 800 pixels Display:

Projected Capacitive Touch supporting multi-touch & gesture

Climate Range:

Temperature: +2°C to +50°C

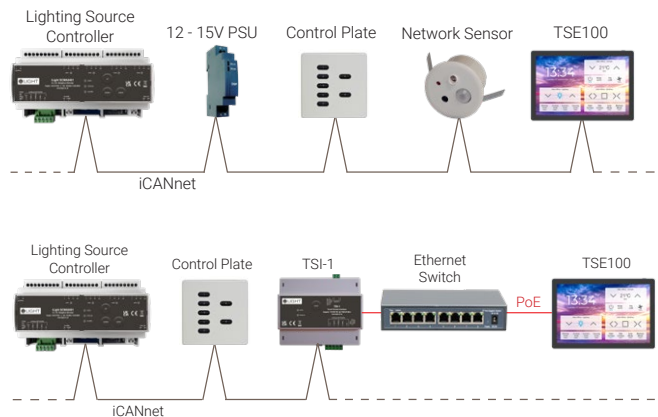
Humidity: +5 to 95% non condensing

Accessories

TSE100 Backbox - 12NC: 912600000668

TSE 40/100 PSU- 12NC: 912600000669

Typical Schematics



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