



TSE55

5.5" LCD Colour Touchscreen

Key Features

- 5.5 inch (139.7mm) diagonal backlit capacitive LCD touchscreen.
- Supports multi-touch & gesture
- 1280 X 720 pixel resolution.
- Colour Depth: 16.7M colours, 450 nits brightness.
- Fits standard UK single gang back box, standard European single gang back box or standard US NEMA single gang back box. Minimum depth: 47mm
- All graphics and buttons can be customised
- Password feature to allow different access levels
- CE & UKCA compliant to all relevant standards
- Designed and manufactured to ISO9001 standard



Overview

The TSE55 touchscreen is a flexible device which provides an intuitive “user friendly” method of interfacing to the iLight control system. The LCD capacitive screen provides virtually limitless flexibility of system configuration and control. It is completely software based, and programs can be tailored to suit the precise needs of the user. The touch screen can also be used to provide control of other integrated systems such as curtains and blinds and HVAC.

TSE55 comes with a choice of two graphical skins which can be swapped between easily at programming stage to the clients preference. The look can be further personalised by adding custom background images - From a branded hotel welcome page to a minimalist theme for a home cinema room.

TSE55 connects to the iLight network using a TSI-1 touchscreen interface.

'User Friendly' Software

Screen Design and Customisation requires an iLight 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.

Electrical

Supply: PoE 802.3af compliant or via 24-57Vdc power connector on the rear

Power Connection: RJ45

Programming: TSEdesigner software via Ethernet connection

Diagnostics - network

Memory: 1Gb DDR3, 8Gb eMMC

Mechanical

Display:

High performance HD, IPS 5.5" LCD, 1280 X 720 resolution

Colour Depth: 16.7M colours, 450 nits brightness

Projected Capacitive Touch supporting multi-touch & gesture

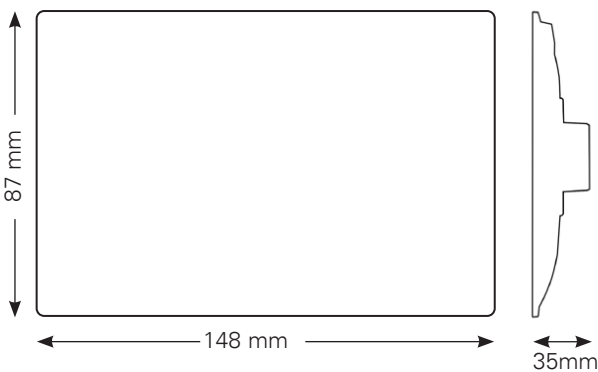
Climate Range:

Temperature: +2°C to +40°C

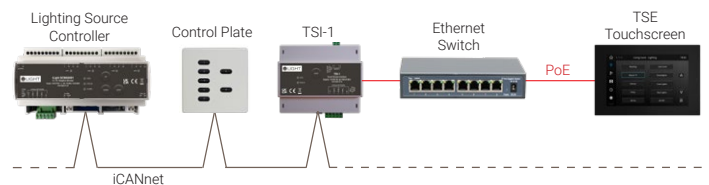
Humidity: +5 to 95% non condensing



Dimensions



Typical Schematic



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