TSE80

8" LCD Colour Touchscreen

Key Features

- 8 inch (203.2mm) diagonal backlit capacitive LCD touchscreen.

- Supports multi-touch & gesture

- 1280 X 800 pixel resolution.

- Colour Depth: 16.7M colours, 400 nits brightness.

- Fits US NEMA 2 gang back box (Ref: Eaton TSE80 Back Box)

- All graphics and buttons can be customised

- Password feature to allow different access levels

- CE compliant to all relevant standards

- Designed and manufactured to ISO9001:2015 standards

Overview

The TSE80 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.

TSE80 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.

TSE80 connects to the iLight network using a TSI-1 touchscreen interface.

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'User Friendly' Software

Screen design and customisation is achieved using Eaton's Touchscreen Designer software which incorporates a design mode for easy manipulation of each individual page.

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.

Mechanical

Display:
High performance HD, IPS 8" LCD, 1280 X 800 resolution
Colour Depth: 16.7M colours, 400 nits brightness
Projected Capacitive Touch supporting multi-touch & gesture

Climate Range:
Temperature: +2°C to +40°C
Humidity: +5 to 95% non condensing

Electrical

Supply: PoE 802.3af complaint or via 24Vdc power connector on the rear
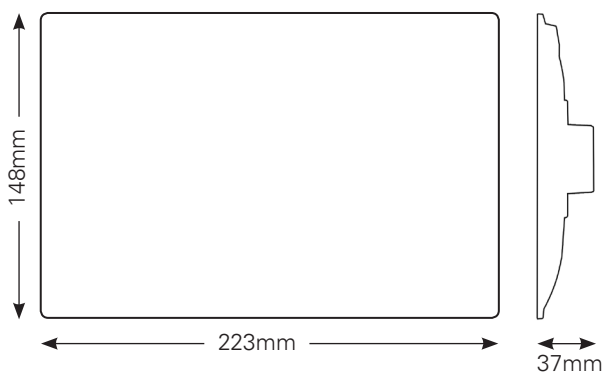
Power Connection: RJ45

Programming: Eaton's TSEdesigner software via Ethernet connection

Diagnostics - network

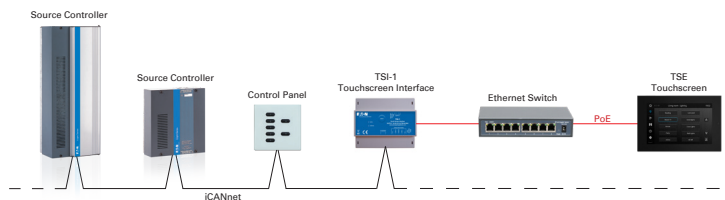Memory:
DDR3 x32 1600Mbps (Expandable to 4GB), 8Gb eMMc

Flush mounting

A flush mounting bracket is also availble for insetting the TSE80 into the wall.

Order reference:

TSE80-MOUNTING-KIT

Dimensions

148mm
223mm
37mm

Typical Schematic

Source Controller
Source Controller
Control Panel
TSI-1 Touchscreen Interface
Ethernet Switch
PoE
TSE Touchscreen
iCANnet

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