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.
**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 via RJ45 connector or 24Vdc via power connector (Order separately)
Programming: Eaton’s TSEdesigner software via Ethernet connection
Diagnostics - network
Memory:
DDR3 x32 1600Mbps (Expandable to 4GB), 8Gb eMMc

**Functionality**

Scene Selection
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**

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<tr>
<th>Width</th>
<th>Height</th>
<th>Depth</th>
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<tr>
<td>223mm</td>
<td>148mm</td>
<td>37mm</td>
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Contact your local Eaton office

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