POWER & WIRING GUIDE

There are many options to power the Surface Mount product. These are the various power and wiring scenarios and the required components.

24V / Retrofit Power
Equipment Rack (Home Run)
Required Surface Mount System Components:
(Bezel, PoE Splitter)

PoE Splitter is installed into Wall Box
Wall Box (1g or 2g) behind (not provided)
Replacing older 24V product, ie, keypad/touch panel

Phoenix Connector
24V Power Supply

Data + Injected PoE Power
Equipment Rack (Home Run)
Required Surface Mount System Components:
(Bezel, PoE Splitter)

PoE Splitter is installed into Wall Box
Wall Box (1g or 2g) behind (not provided)

Surface Mount with Buttons
USB to Lightning (iPad Cable)

Data Serial Cable
PoE Splitter

Category cable RJ-45 terminated PoE standard
USB to Lightning (iPad Cable)

Data & PoE
Data only (Non-PoE) Switch

110-240v AC Receptacle

If using PoE power, remove Phoenix Connector from PoE Splitter prior to installation.

Box Contents
PoE Splitter (70718)
Input: PoE IEEE 802.3af
Aux Input: 18V DC TO 24V DC
Output: 5V DC via USB up to 12W

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**PoE Power**

*Equipment Rack (Home Run)*

Required Surface Mount System Components: (Bezel, PoE Splitter)

- Wall Box (1g or 2g) behind (not provided)
- PoE Splitter is installed into Wall Box
- Surface Mount or Surface Mount with Buttons
- Data Serial cable (only Surface Mount with Buttons)
- Category cable RJ-45 terminated PoE standard
- PoE Switch
  - 59V IEEE 802.3af

**Receptacle Power**

*Wall Box & Grommet*

Required Surface Mount System Components: (Bezel, PoE Splitter, PoE Injector)

- Wall Box (1g or 2g) behind (not provided)
- PoE Splitter is installed into Wall Box
- Surface Mount
- PoE Splitter
- USB to Lightning (iPad Cable)
- Category cable RJ-45 terminated PoE standard
- Wall Box w/ Grommet (not provided)
- 110-240v AC Receptacle
- PoE Injector (sold separately)
  - Part #70719
  - International Adapters Included