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

**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

**24V / Retrofit Power**

**Equipment Rack (Home Run)**

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

- PoE Splitter is installed into Wall Box
- USB to Lightning (iPad Cable)
- Surface Mount
- Wall Box (1g or 2g) behind (not provided)
- Replacing older 24V product, i.e. keypad/touch panel
- PoE Splitter (12W required @ 18V-24V DC)
- Phoenix Connector
- 24V Power Supply

**Data + Injected PoE Power**

**Equipment Rack (Home Run)**

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

- PoE Splitter is installed into Wall Box
- USB to Lightning (iPad cable)
- Surface Mount with Buttons
- Wall Box (1g or 2g) behind (not provided)
- Data Serial cable
- Data & PoE
- Category cable RJ-45 terminated PoE standard
- Data only (Non-PoE) Switch
- PoE Injector (sold separately)
- Part #70719 International Adapters Included
- 110-240V AC Receptacle
**PoE Power**  
*Equipment Rack (Home Run)*

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

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

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**Receptacle Power**  
*Wall Box & Grommet*

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

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