Introduction

Thank you for purchasing the Digi Smart Energy AMI Kit. The purpose of this kit is to show how a smart meter can give a homeowner that power to see their electricity usage in real time and control in-home devices, right from a smartphone. The Quick Start Guide will help you add the ConnectPort X2e Router and the SafePlug to your existing smart meter network. It will further guide you through the steps of setting up and monitoring your existing network online using the Digi's Smartlee(TM) solution. In order to use this kit, your utility provider will need to tell your smart meter to let the X2e router join the network. This is similar to joining a WiFi hotspot, with your smart meter acting as the access point.

Quick Start Guide (this document): Guides you through the initial kit setup.

Getting Started Guide: A longer document available online that teaches you more about the underlying technology. The Getting Started Guide also includes an in-depth troubleshooting section.

Verify Contents

ConnectPort X2e Router for Smart Energy

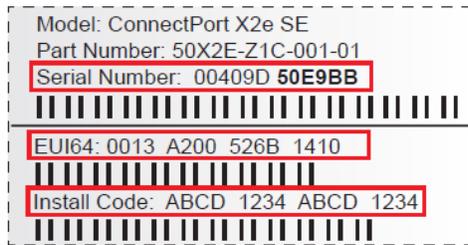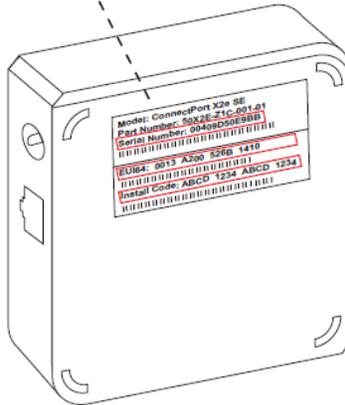

SafePlug

Ethernet Cable

Power Supply

Preparation for Online Installation Process

Before you move onto the next steps, it would be beneficial to record the following information, which can be found on the devices:

- ConnectPort X2e Router (On back of the device)
  - Serial Number: _____
  - Install Code: _____
  - EUI 64: _____

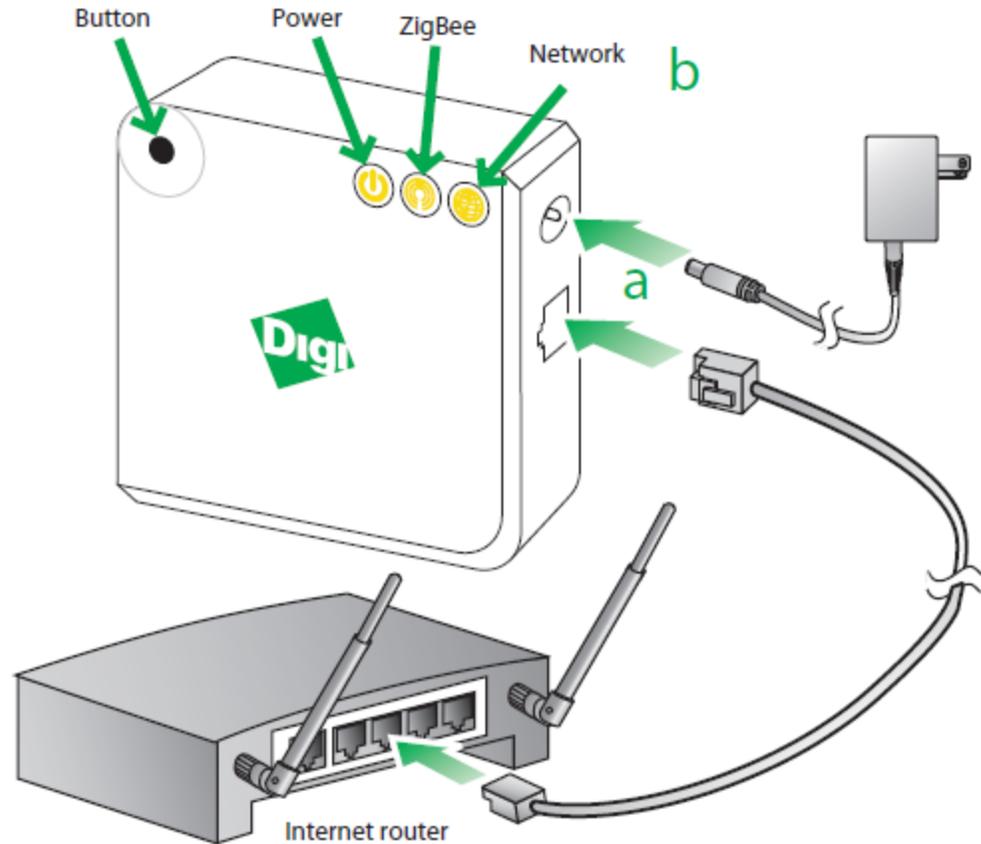NOTE: The Serial Number is also the Ethernet MAC address

- SafePlug
  - MAC Address/Serial Number:_____
  - Installation Code:_____
  - INSERT PICTURE HERE

Hardware Setup

1. Connect power supply to the ConnectPort X2e then plug the power supply into outlet.
2. **Ethernet Setup:**

a. Connect the Ethernet cable to an open port on your router. Most routers have open Ethernet ports on the back of the device.
b. Connect the other end of the Ethernet cable to the Ethernet port on the ConnectPort X2e for Smart Energy gateway. This will connect the ConnectPort X2e to the internet.
c. Verify that the LEDs on Ethernet port of ConnectPort X2e are blinking. This shows that the ConnectPort X2e is connected to the internet.

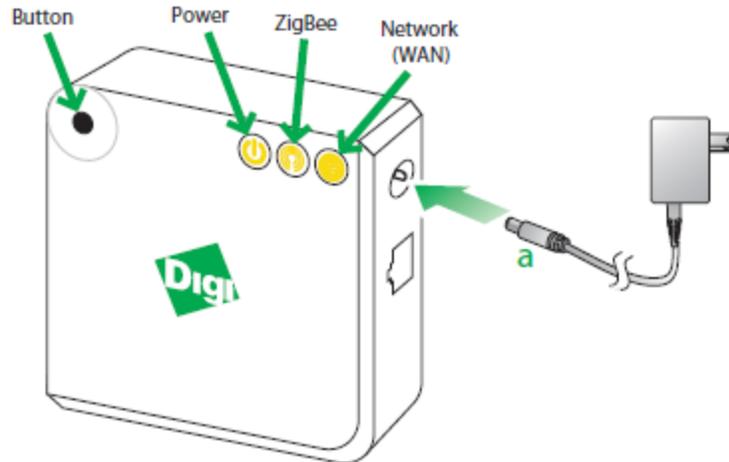
3. **Wireless Setup:**
    a. *Note: If the ConnectPort X2e has already been configured to connect to an access point, it will need to be set back to factory defaults to use the following procedure. See the troubleshooting section below to return the gateway back to its initial state.*
    b. Enable Access Point mode on your device by pressing the button.
    c. Configure the Wi-Fi interface of your computer to connect to ConnectPort X2e gateway's access point. The name (SSID) of the access point will be cpx2e-se-xxxxxxxxxx, where xxxxxxxxxx is the serial number of the

gateway.

    d. Go to your web browser, and enter the URL of the gateway:
http://192.168.100.1

    e. Navigate to **Configuration > Wireless Wizard**. Follow the steps in the wizard to configure your device.

4. Plug in the SafePlug

----INSERT PICTURE HERE OF SAFEPLUG-----

5. Look at the SafePlug and find the LED. If the LED is green, then the SafePlug is working and you are ready to move on. If it's flashing amber, then there is a problem with the SafePlug. Go to troubleshooting in the Getting Started Guide for more information.

Connecting to Smartlee

Introduction

Digi ConnectPort X2e Router requires a ZigBee Smart Energy coordinator. Usually this will be your meter. The router will be "talking" to your smart meter, for this conversation to begin you must pair the ConnectPort X2e router with your coordinator.

Connecting the ConnectPort X2e Router to AMI ZigBee network:

In order to receive information from your Smart Energy network, you must add your ConnectPort X2e router to your network. The specific steps vary depending on what device is being used as the Smart Energy network coordinator. Note that the joining process will involve the input of the installation code and EUI 64 address.

For Smart Meter Texas customers, joining your router to your network is done using the Smart Meter Texas web portal, found at www.smartmetertexas.com. When logged into your Smart Meter Texas account, select the HAN Devices menu to add a new HAN device. You will be prompted to provide the following information about your router:

- Description - Enter a description for your ConnectPort X2e router.
- Type of HAN device - Select "Intelligent Gateway" from the drop down.
- MAC address - Enter the EUI 64 address previously recorded.
- Installation Code - Enter the installation code previously recorded.

Connecting the SafePlug to the AMI ZigBee network:

Use the method used to connect your ConnectPort X2e router to connect the SafePlug to your existing ZigBee network. Use the MAC Address and the Installation Code for the SafePlug you noted above.

Access and manage the network using Smartlee

1. Go to www.livesmartlee.com and create an account.
2. On the Discover Gateway page, enter the MAC address that you previously recorded.

You can also use the "Find My Gateway" feature to have Smartlee find your Gateway on your network.
3. Install the Smartlee Mobile Application for Android or Apple device from iTunes or Google Play.
4. Use the Mobile Application to control the SafePlug and to monitor your meter. When you open up Smartlee, you will notice that there are two SafePlugs on your account. This is because each outlet on the SafePlug is an independent meter.

Devices

Electric Meter		›
ERT/Smart Energy Bridge		›
Gateway		›
SafePlug		›
SafePlug		›

Last Updated: Mon, Jun 11 11:21 AM

Usage Information

Usage	0000000.000 kW
Meter Reading	0000000.135 kWh
Meter Type	Electric
Current Price	$0.05 / kWh

Device Properties

Name	SafePlug
RightPlug Id	None
Power	ON