Smart Plug
eCommander Accessory

Introduction

Smart Plug presents you with an elegant and stylish way to remotely control any plug-in device in your home. The Smart Plug is an eCommander accessory which allows you to monitor the energy usage and control the device remotely by making them a part of Home Area Network (HAN).

All communication between the Smart Plug and eCommander is performed using the existing powerline infrastructure -- requiring no extra cabling.

Benefits

- Plug in easily to existing standard wall outlets
- Uncover approximate daily, weekly and monthly trends in your home electricity use
- Measure and manage the energy use of individual appliances
- Track electricity rates so you can lower your energy bill
- Wirelessly monitors your devices in real time
- Computer and smart phone apps. View your data at your convenience on your computer or smart phone

Smart Plug Usage

The Smart Plug communicate wirelessly. Smart Plug allows to measure the energy usage of the plugged in appliance. Smart Plug connects to the existing power line and allows other devices to be connected to it which needs to be controlled remotely.

Smart Plug registration with the eCommander below:
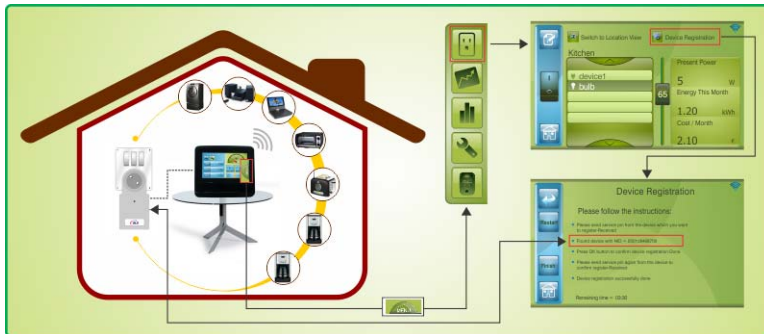
Step:1 Any appliances can connect with the Smart Plug.

Step:2 Smart Plug connects to the existing power line and allows other devices to be connected eCommander.

Step:3 Using the Menu icon, you can see the Menu list. Touch the Device Control icon, it displays the Device Control page.

Step:4 On Device Control page, touch the Device Registration icon. It will display the instructions pages which can uses to register the smart plug.

Step:5 You can Edit and Control the device using the options provided on Device Control page. You can Deregister the device by selecting the device in the list as shown in picture.

Smart Plug Technical Specifications

1. Electrical Specifications

Input Voltage Range	90 to 277 VAC +/- 10% - Single phase
Input Frequency	50 or 60Hz
Power Line Communication Frequency	110kHz to 138kHz for C-band
Maximum Output Load Current	Max 16 Amps

2. Processor Specifications

Memory	4 Kbytes EEPROM, 2 Kbytes RAM, 24 Kbytes ROM
DC Voltage	5V

Processor	Neuron Chips Family (designed by Echelon)

3. Mechanical Specifications

Power Plug	US/European
IP Rating	In-home use
Size (L x W x H – length, width, height)	130 x 61.5 x 62.5 mm

For more detailed information visit http://energy.slscorp.com **or send us an email to** energy@slscorp.com