SmartPower M100

● Product Overview

SmartPower M100 Controller is an advanced device with built-in Radio 866Mhz, Ethernet and 802,11n WiFi interface that supports open API protocol to allow remote control of the managed SmartPower 10 units. The advanced, open API can be used by the Power Management Software (PMS) and other programs to manage, monitor, and control electrical appliances in real-time.
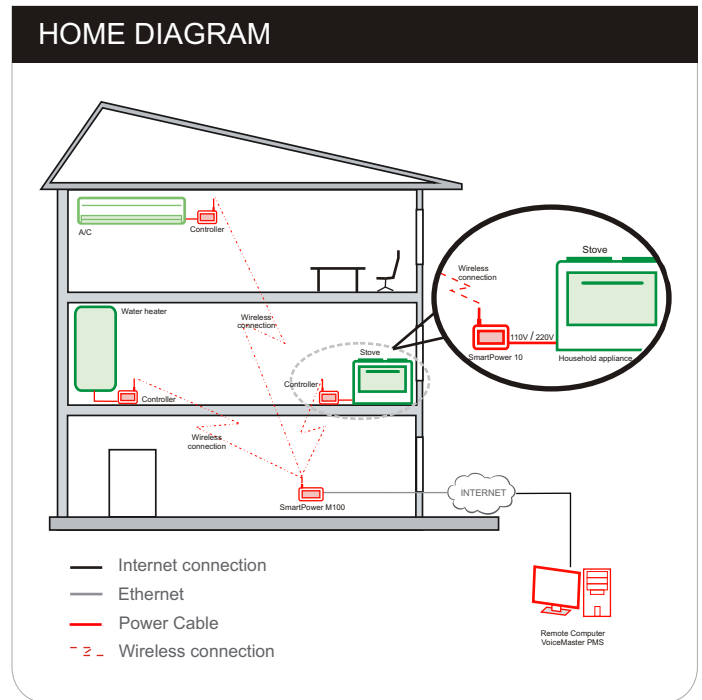
● Key Features

- Manage thousands of SmartPower 10

- Cover huge areas due to radio retransmission protocol

- Connect up to 900m in open areas with direct line of sight (10mW)

- Connect up to 5km in open areas with direct line of sight (500mW)

- Minimal Electrical consumption (less than 300mW)

- Ethernet and 802.11n Wifi interface to the network

- Low-power radio transmitter

- Open API Interface for Power Management Software(PMS) and other programs

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● Home/Office Application

SmartPower allows easy management of home/office environments. It controls directly all underlying devices, isolates unusual power consumption, and allows real-time turn on/off of electrical appliances. SmartPower usually brings at least 30% reduction in power consumption by intelligent power tracking and management. The system also allows remote control over the SmartPower devices installed in the home or office.

HOME DIAGRAM

- ▬▬ Internet connection
- ▬▬ Ethernet
- ▬▬ Power Cable
- ▪▪▪ Wireless connection

● Business Application

SmartPower allows easy management of street lights and industrial appliances. The system can also be used for shopping centers, factories, industrial buildings, and warehouses. It guarantees efficient tracking of electrical consumption and automated management of electrical lights and appliances. SmartPower guarantees at leas 30% reduction in power usage when implemented properly. It uses an intelligent Power Management Software that runs on Linux or Windows and can be accessed locally or remotely.

BUSINESS DIAGRAM