

Introduction

Commercial AC appliances like incandescent bulb, fan, dimmable CFL etc. are controlled using a remote controller through radio frequency. These loads can be dimmed using dimming wheel on [Remote Controller](#). The use of RF remote control makes lighting control more convenient. Because of dimming feature, total power consumption of lighting can be reduced depending on lighting usage.

Integrated Metering can broadcast Power consumption data with advance metering information like apparent power, power factor via RF.

Features

- Advanced dimming circuitry designed for compatibility with all incandescent bulbs and most Dimmable CFL Lights
- Low-end adjustment to accommodate a wide range of Fans and Bulbs
- Wall mountable

Controllable Appliance List

- Fan
- Dimmable Compact Fluorescent Lamp (CFL) with integrated ballast
- Incandescent Lamps
- Heaters, Single phase motors, Pumps, Triac and dimmable led panels



Advantages

- Terminal Block Connector interface and easy installation with existing residential system
- Product requires no special wiring or rewiring making it ideal for retrofitting for existing homes and for new home construction
- Advance Metering including average power, apparent power, power factor and total energy consumed
- Automatically resumes dimming level after power interruption
- No stress on line-of-sight as compared to IR
- Energy saving technology that will improve daily lifestyle
- Synchronized with SLS Wi-Fi RF Gateway or Independent Remote
- Compatible with SLS eCommander (Energy Management Controller) to dim loads via web interface using Wi-Fi enabled devices like Laptop, Tablet, Smartphone. For more information, visit <http://energy.slscorp.com/product-and-solutions/smart-energy-manager/ecommander.html>

Specifications

Maximum AC Mains Load ON/OFF Control	300 W @ 230V~50Hz Max 300 W @ 110V~60Hz Max
Range (RF)	30 meter Indoor range
Operating Temperatures	0 °C to 70 °C
Dimension	110 x 70 x 40mm
UL/CE Regulatory Approvals	Under Process

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

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