Lumina Gateway

lumina™ rf

APPLICATION

Using Leviton Cloud Services and an appropriate subscription plan, it is easy to configure and automate multiple business locations using wireless sensors, thermostats, light switches and dimmers, load control modules, temperature loggers, and apps. The wireless Lumina RF eco-system scales from single to multi-location and is perfect for rapid retrofits in small offices, restaurants, retail storefronts, and other light commercial operations. The comprehensive system can facilitate automation utilizing occupancy sensing and simplified task-based scheduling. Mobile apps and a management web portal provide control over lighting, temperature/humidity, heavy-duty loads (exterior signage, pumps, compressors, generators, etc) window coverings, small appliances, electronics, and more.

ENTERPRISE AUTOMATION

Lumina Gateway features enterprise level role-based authority and hierarchy for each property. Using the appropriate monthly Cloud Services Plan, both the app and the web interface are able to provide a map showing all connected locations at a glance. This preview provides managers and admins the ability to select a connected building to view status, set notifications, or manually control/monitor devices. Further, company-wide holidays and schedules can be easily managed across hundreds of locations in real-time from the Cloud portal. Each location follows holidays or schedules based on a corporate template with the ability to make alterations for each location. Each location receives 30 days history, 5 days of status feed, plus apps and dashboards for remote access and setup. The basic upgrade adds notification, holiday scheduling exceptions, and more. Premium tier upgrade offers corporate level scheduling, user management, location mapping and status and custom notifications to user types.

WHAT DOES THE GATEWAY ACCOMPLISH?

Using Lumina™ RF wireless mesh technology, the Lumina Gateway provides plug-and-play affordable automation for small commercial operations including retail storefronts, food and beverage operations, and small offices. Automate lights, temperatures, and loads based on schedules, sensors, or activities. Use a mobile device app or web browser to turn on a light or adjust a thermostat setting.

Lumina Gateway features active lighting control with astronomical time clock for easy energy savings and safety. The multistage thermostat control works with sensors to automatically adjust temperature and humidity levels to pre-determined settings for additional energy savings. Scheduled on/off load control for heavy duty motors present additional energy savings opportunities. For instance, automate exterior signage or lighting to turn on at sunset or interior lighting to dim each night. The Lumina RF "mesh" network offers advantages over point to point with extended coverage over an entire building & "self-healing" capabilities to bypass broken line of sight communications.

WHAT ARE THE TOP FEATURES?

The Lumina Gateway properly serves the small commercial market with an easy-to-install yet comprehensive wireless system featuring

Lumina Gateway Energy Management Automation

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automated lighting, load control, temperatures, window coverings, small appliances, door/window activity, and more. Remote access and programming for the integrator from anywhere. Stop dealing with stand alone timers and sensors. Need to adjust a sensor timeout for a customer? Do it remotely!

The Leviton Cloud Services app provides control over multiple business locations – ideal for franchise and enterprise – serving up a menu of all connected locations. Lumina Gateway utilizes the cloud for setup. Automation and schedules are stored and executed locally, resulting in decreased latency and immediate control if internet connection is lost.

THE LUMINA RF FAMILY

Leviton's powerful wireless Lumina™ RF family ensures energy savings in new construction and retrofit in small applications. Scalable from single location to franchise to enterprise, with company-wide holidays and schedules managed at all locations. Control lights, lamps, fans, shades, pumps, and more.

Additional Leviton Lumina RF products include temperature loggers, thermostats, heavy-duty load control modules, and a general purpose plug-in module to enable a complete wireless energy management system.

WARRANTY INFORMATION

Two-Year Limited Warranty

FEATURES AND BENEFITS

- Lumina™ RF provides wireless energy management and control for small commercial use.
- Monthly tiers available with additional options
- Email and Text Notifications for energy/occupancy/refrigeration purposes
- Leviton Cloud Services Apps for iOS and Android (Multiple locations with one app)
- Automation based on tasks and times such as "Store Open"
- Scalable from single location to enterprise
- Easily manage company-wide holidays and schedules at multiple locations
- Setup and control via web browser – even a tablet
- The Lumina Gateway includes an ethernet cable to connect to the network for internet access
- Cloud access for registration, dashboard and programming implementation at **http://LCS.Leviton.com**

SPECIFICATIONS

- Protocol: Lumina RF
- Total Connected Lumina RF Nodes: 40
- Frequency: 2.4 GHz
- Range Between Devices: up to 100 feet
- Power Supply: Low-voltage (5VDC, 10Watt) external power supply
- Usage: Indoors Only
- Mounting: Non-metallic enclosure or shelf.

COMPATIBLE LUMINA RF DEVICES

ORDERING INFORMATION

DESCRIPTION	CAT. NO.
Lumina Gateway	74A00-1
Lumina RF Temperature Logger	LURTL-000
Lumina RF Stainless Steel Standard RTD Needle Probe	RTDSS-000
Lumina RF Glycol Encased RTD Probe	RTDGP-000
Lumina RF Wall Mount Motion Sensor	LURMD-00W
Lumina RF Door/Window Sensor	LURDW-00W
Lumina RF Ceiling Mount Occupancy Sensor – 1500 Sq/Ft	ZSC15-IxW*
Lumina RF Ceiling Mount Occupancy Sensor – 450 Sq/Ft	ZSC04-IxW*
Lumina RF Decora® 0-10V Wall Dimmer, 120-277VAC	ZSD07-AxZ*
Lumina RF 600W Dimmer	DL6HD-1BZ
Lumina RF 1000W Dimmer	DL1KD-1BZ
Lumina RF 300W Plug-In Dimmer	DL3HL-1BW
Lumina RF 15A Incandescent / 5A LED and CFL Plug-In Outlet	DL15A-1BW
Lumina RF 120/277V 15A Switch	DL15S-1BZ
Lumina RF 120/277VAC 10A Switch (can also be used as 3-way)	ZSS10-NxZ*
Lumina RF 15A Plug-in Appliance Control Module	89A00-1ZB
Lumina RF 5A Wireless Load Control Module (Universal 96-250 VAC and 50/60 Hz).	73A00-4ZB
Lumina RF 30A Wireless Load Control Module (Universal 96-250 VAC and 50/60 Hz).	73A00-3ZB
Omnistat2 Wireless Single-Stage Conventional & Heat Pump, White	RC-1000WHZB
Omnistat2 Wireless Multistage & Heat Pump with Humidity Control, White	RC-2000WHZB
Lumina Gateway Cloud-*Based Setup Utility – Download at LCS.leviton.com*	
Leviton Cloud Services app for iOS and Android	Available on the App Store Google play

*x = NAFTA(N), Made in USA (A), contact manufacturer rep for availability.

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Visit our Website at: www.leviton.com/gateway

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REV APR 2018