GATEWAY

GW1100

Each Gateway is an electronic communications device that acts as the central processing hub of the Audacy® Wireless Controls system, providing 24/7 back-and-forth communication between your Audacy Interface and onsite lighting environments.

HOW IT WORKS

The Gateway wirelessly sends lighting commands – as established via your Audacy Interface – to any light fixture equipped with an Audacy Luminaire Controller. In this way, the Gateway communicates with up to **250** system-enabled fixtures to ensure selected lights turn on, turn off or dim where and when you desire.

KNOW MORE - SPEND LESS

Each Gateway wirelessly receives and prioritizes inputs from onsite sensors, switches and Building Automation Systems. Information such as sensor data, fixture status, user overrides and energy usage is then relayed back to your Audacy Interface where it is available for your periodic review. The Audacy Gateway allows you to easily understand, via the online Interface, evolving light usage patterns. From there it's easy to adjust and maximize your system and your energy efficiency over time.

The Audacy Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

AUDACY BY IDEAL®: CUTTING COSTS. CUTTING EDGE.

IDEAL has been a leading manufacturer of quality electrical products for over one hundred years. Crafted at the intersection of simple and innovative, our new Audacy Wireless Controls system.

AUDACY®
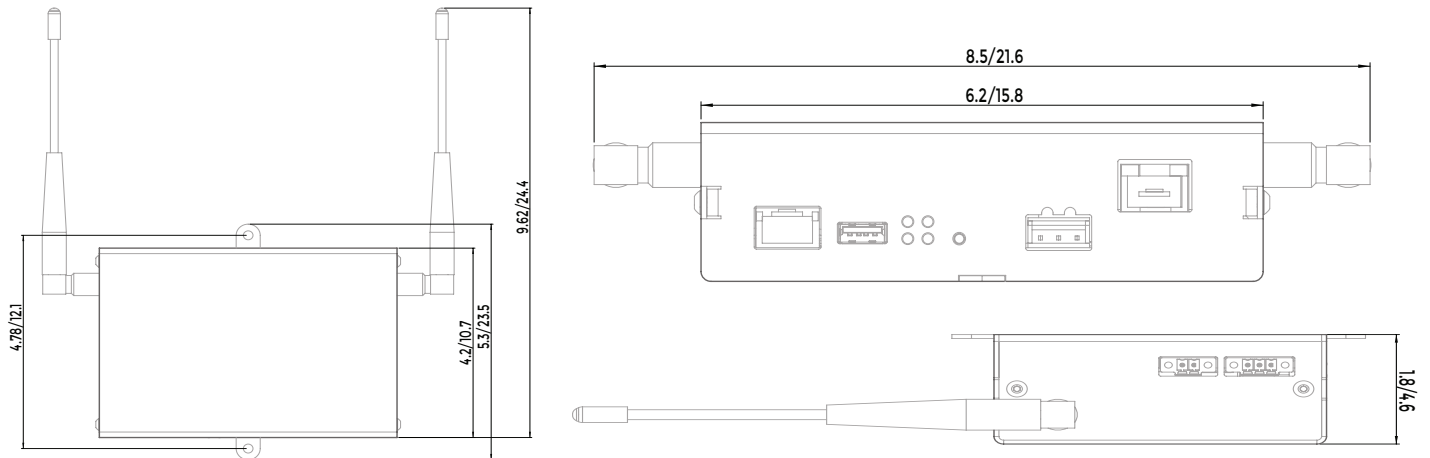WIRELESS LIGHTING CONTROL
YOUR WORLD IN A BETTER LIGHT

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GATEWAY

DLC On the DesignLights Consortium™ Qualified Products List

SPECIFICATIONS

ITEM	DESCRIPTION
Radio Frequency Range	902—928 MHz, Dual Channel, Dual External Antennas
Wireless Protocol	Proprietary based on IEEE 802.15.4
Encryption	Proprietary based on AES encryption
Regulatory Approvals	FCC Part 15 and Industry Canada FCC ID: 2AAMXGW1100B IC: 11250A-GW1100B UL916, Tested to UL 2043 for use in Plenum Spaces
Transmit Power	22 dBm short duration, utilizing direct sequence spread spectrum
Transmit Range	300 ft. (90 m) indoors to an Audacy Luminaire Controller in a typical commercial building; extended range when repeater mode enabled
Repeater Mode	Enabled via Audacy Interface or Gateway
Input Voltage	24V AC/DC, removable terminal block
Configuration/Network Port	Ethernet
Operating Temperature	32°F to 122°F (0°C to 50°C)
Storage Temperature	-4°F to 122°F (-20°C to 50°C)
Installation Environment	Indoor use only
Mounting	2 mounting holes—vertical (wall-mount) or horizontal
Enclosure	Sheet Metal, UL 2043 plenum rated
Color	Black
Dimensions	8.5" x 5.3" x 1.8", excluding antennas (215.9mm x 134.6mm x 45.7mm)
Weight	16.2 oz (459g)
Warranty	5 year

Catalog Number	59-GW1100-ETHER	59-GW1100-BACIP	59-GW1100-BACMS	59-GW1100-MODTC	59-GW1100-MODRT	59-GW1100-LON	59-GW1100-META
Description	Standalone (i.e., no BAS)	BACnet® IP	BACnet® MSTP	Modbus TCP	Modbus RTU	LonWorks®	Metasys® N2

MECHANICAL DIMENSIONS (INCHES/CM)

CONTACT US TODAY FOR A CONSULTATION

1.800.273.9989

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