



The 59-GW1100-ETHUK Wireless Gateway by CMD Ltd is an electronic communications device which acts as the central processing “hub” of the Audacy system. The 59-GW1100-ETHUK wirelessly receives and prioritises inputs from sensors, switches and/or the Audacy Interface (e.g., website or app). It then communicates wirelessly with each Luminaire Controller to turn on, turn off or dim light fixtures. The 59-GW1100-ETHUK can also pass information such as light fixture status, sensor data, and energy usage to the Audacy Interface.



SPECIFICATIONS

ITEM	DESCRIPTION
Radio Frequency Range	915.9 - 917.3 MHz, Dual External Antennas
Wireless Protocol	Proprietary based on IEEE 802.15.4
Encryption	Proprietary based on AES encryption
Rated RF Power Output (W)	<12.5 dBm short duration, utilising both frequency hopping and direct sequence spread spectrum
Transmit Range	91.4m 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	10°C to 32°C
Storage Temperature	-20°C to 50°C
Installation Environment	Indoor use only
Mounting	2 mounting holes—vertical (wall-mount) or horizontal
Colour	Black
Dimensions	215.9mm x 134.6mm x 45.7mm, excluding antennas
Weight	459g
Warranty	5 year
LVD Compliance	BS EN 60950-1 / IEC 60950-1
EMC Compliance	BS EN 55015, BS EN 61547 & ETSI EN 301 489-3 V2.1.0 (ETSI EN 301 489-1 V2.1.1)
Radio Compliance	ETSI EN 300 220-2 v3.1.1* and ETSI EN 300 220-1 v3.1.1
Code	59-GW1100-ETHUK
Description	Standalone (i.e. no BMS)



DIMENSIONS (MM)

