

LGMRU4X4v2 Genesis Masthead Receiver with Relays

For Lighting Control



2a Bellevue Road, Friern Barnet, London N11 3ER
T. 020 8368 7887 F. 020 8368 3952
info@luminite.co.uk

Product Overview

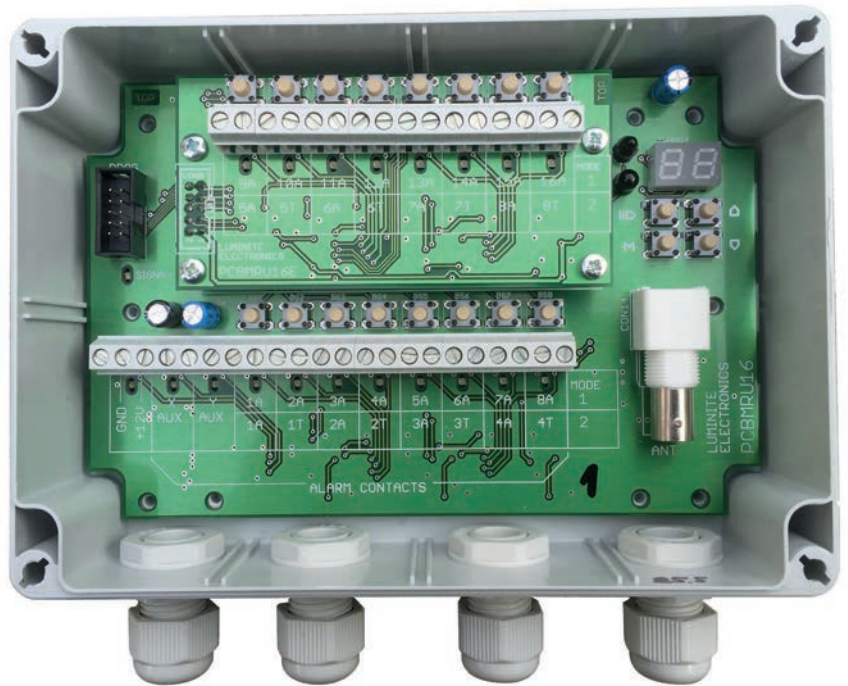
This new Genesis LGMRU4x4v2 receiver has eight configurable volt free relays for direct connection to most makes of alarm systems and two auxiliary configurable relays. This product facilitates the most straight forward way to integrate Genesis wireless PIR's to alarm inputs.

New features include push button and LED display for easy programming. Two auxiliary relays that can be programmed as grouped tampers or grouped alarms and additionally Set/UnSet status. All eight alarm relays can be used for alarms only and the associated tampers grouped together and outputted on one of the AUX relays. It is also possible to select a group of unit numbers to activate an AUX relay as well as activating their own individual relays. Just as with the previous LGMRU4x4 you can configure the relays as four alarms with four tampers when individual tampers are required.

The receiver works in conjunction with the new Genesis Key Fob (LGKF4) allowing users to set and un-set alarms. You can select which alarm numbers you wish to set and un-set or let it default to all. You can also use the key fob for the remote control of doors and gates for example by assigning it to one of the AUX relays.

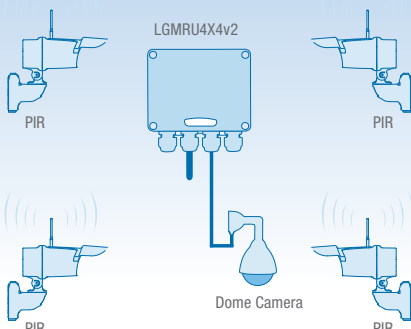
There is also an inhibit input which allows you to connect a switch to set and un-set all alarms or a selected group of alarms.

An expander module (LGREM4x4v2) plugs directly on the PCB providing a further eight relays.



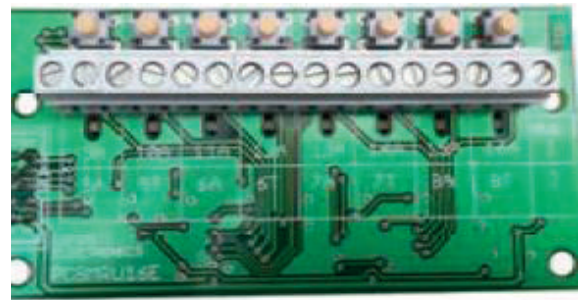
Installation

In this example a dome camera is connected to an LGMRU4x4v2 and the pre-set positions are controlled by Genesis wireless PIR detectors.



LGREM4x4v2 Expansion Module

This module is plugged onto the LGMRU4x4v2 circuit board to increase the number of outputs to 16.



For Use With LGMRU4x4v2



Genesis LGWP
Wireless PIR Detector



Genesis 2
Wireless PIR Detector



LGTX434 Wireless
Genesis Transmitter



3rd party products fitted with
Genesis transmitters



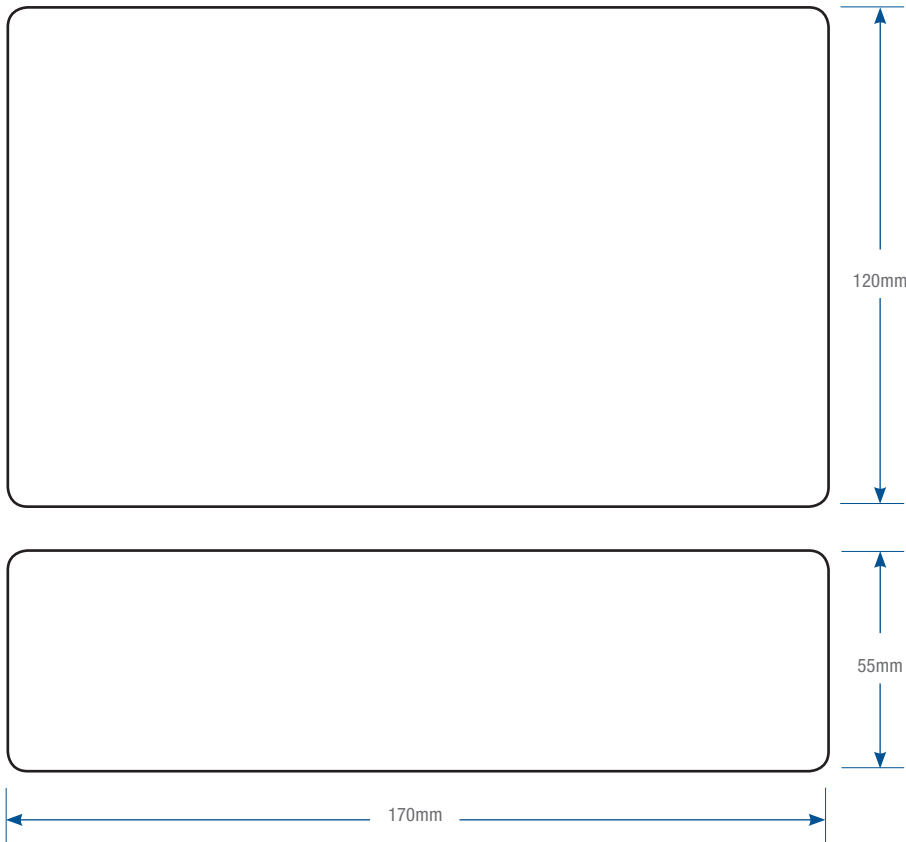
AE434 High
Efficiency Aerial



LGKF4
Set/Unset Key Fob

For more information see separate datasheets

Dimensions



Specifications

Receiver Frequency	434.525Mhz
Reception Range	1km max line of sight with AE434
Aerial	Supplied with 50ohm ¼ wave
Relays	4 alarms and 4 tampers. Can be 8 alarms without tampers
Auxiliary Relays	2
Contact Duration	Selectable 250ms to 39 minutes
Contact Status	Selectable N/O or N/C
Operating Voltage	12 volts DC
Power Consumption	Min 65m/a Max 150m/a
Temperature Range	-10 degC – +60 degC
Weather Rating	IP66
Enclosure	ABS
