

# LGRU16 & LGRU16ELR Control Interface Relay Units



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## Product Overview

The LGRU16 & LGRU16ELR control interface relay units provide physical alarm and tamper outputs for DVR and Alarm systems.

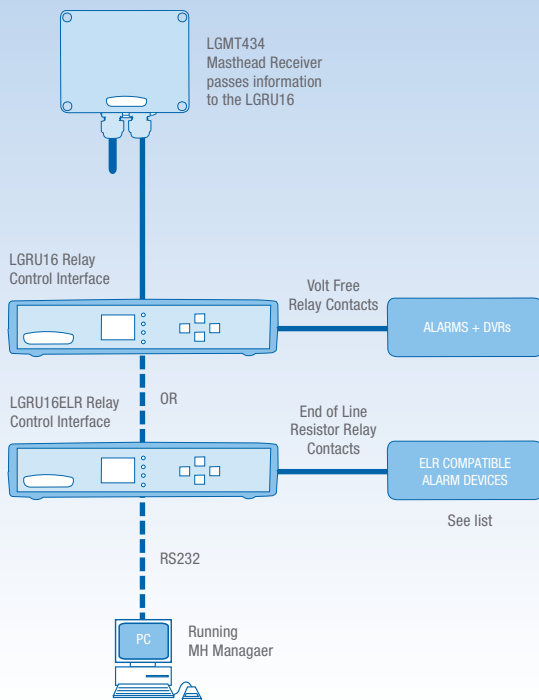
Between one and four LGRU16 relay units can be connected with a single masthead receiver to provide the maximum of 64 alarm and 64 tamper contacts.

The LGRU16 is supplied with one LGRM8 relay module which provides 8 alarm and 8 tamper relay contacts that can be interfaced to virtually any alarm system. A further LGRM8 module can be added to increase it to 16 alarm and 16 tamper outputs.

The LGRU16ELR version has screw terminals and End Of Line Resistors built in. The resistor values are plug-in modules and may be changed according to the alarm type (see list). On the front panel, a display shows information on alarms, faults and tampers, which are held in the log. The PIR's call in periodically and are monitored individually. If they fail to call in, an alert is raised. An additional RS232 output enables a PC to be connected and the FREE MH Manager software can be used to analyse the wireless system.



## Installation



## LGRM8 & LGRM8ELR Relay Modules

LGRM8 or LGRM8ELR relay modules can be fitted to an LGRU16 or LGRU16ELR to provide an extra 8 alarm and 8 tamper contacts.

With the second module fitted, the Relay Unit then has 16 alarm and 16 tamper outputs.

The LGRM8 relays provide eight Normally Closed tamper contacts and eight Change Over alarm contacts. This module is supplied with a one metre ribbon cable which can be easily stripped back for individual connection to alarm inputs. The LGRM8ELR version has screw terminals and End Of Line Resistors which can be plugged in as modules.



## For Use With LGRU16 & LGRU16ELR



Genesis LGWP  
Wireless PIR Detector



Genesis 2  
Wireless PIR Detector



LGTX434 Wireless  
Genesis Transmitter



LGMT434  
Genesis Masthead Receiver



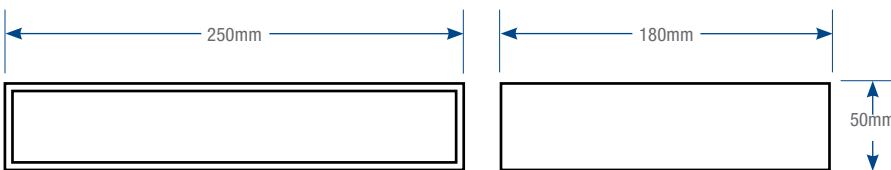
LGIP MT434  
Genesis IP Masthead Receiver



LGMRU4x4  
Masthead Receiver with Relays

For more information see separate datasheets

## Dimensions



## LGRU16ELR End of Line Resistor versions

Model	Order Code
Adpro	LGRU16ELR/Adpro
Guardall	GRU16ELR/Guardall
Castle	LGRU16ELR/Castle
Galaxy	LGRU16ELR/Galaxy
ADE	LGRU16ELR/ADE
Scantronic	LGRU16ELR/Scantronic
Texecom	LGRU16ELR/Texecom

## LGRM8ELR End of Line Resistor Modules

Model	Order Code
Adpro	LGRM8ELR/Adpro
Guardall	LGRM8ELR/Guardall
Castle	LGRM8ELR/Castle
Galaxy	LGRM8ELR/Galaxy
ADE	LGRM8ELR/ADE
Scantronic	LGRM8ELR/Scantronic
Texecom	LGRM8ELR/Texecom

## Specifications

Operating Voltage	12V DC
Power Consumption	Max 265m/a
Alarm Relay	Change over contacts
Tamper Relay	N/C
End of Line Resistor	Same relays but with a resistor module
Temperature Range	-10 deg C +60 deg C
Weather Rating	IP44
Enclosure	ABS plastic housing

