



# GRMPOE102

## PoE Ethernet Repeater

The GRMPOE102 is a PoE Extender providing 2 PoE Outputs. It is also designed to work with our IP Switches (IP8ESP, IP16ESP and IP24ESP) and in conjunction with our GRM2U Rack Mount System.

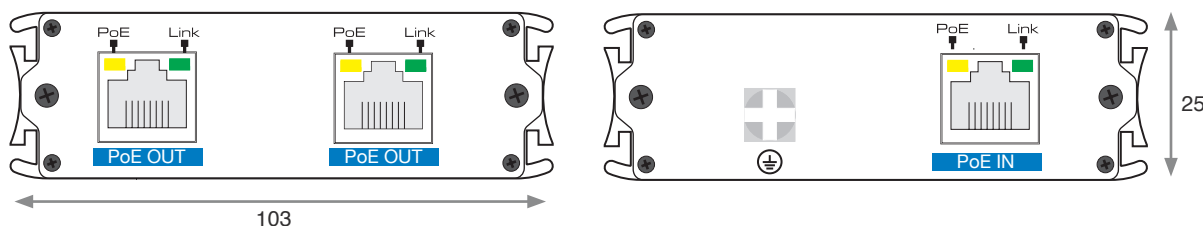


GRMPOE102

### Key Features

- 3x 10/100Mbps Ethernet Ports, 1 PoE Input Port, 2 PoE Output Ports
- Meets requirements of Local Monitor, Long Distance Transmission and PoE Power Supply
- Uses advance Network Cable Drive Technology and is able to reach a distance up to 300m (Depending on Signal Source and Cable Quality)
- PoE Power Supply is compatible with End-Span and Mid-Span
- Circuit Isolation Protection, ESD and anti-interference ability improve product's lightning protection
- Easy Wall, Mounting and Desktop install options
- Plug and Play, No Setting Required

### Dimensions (mm)



### Accessories

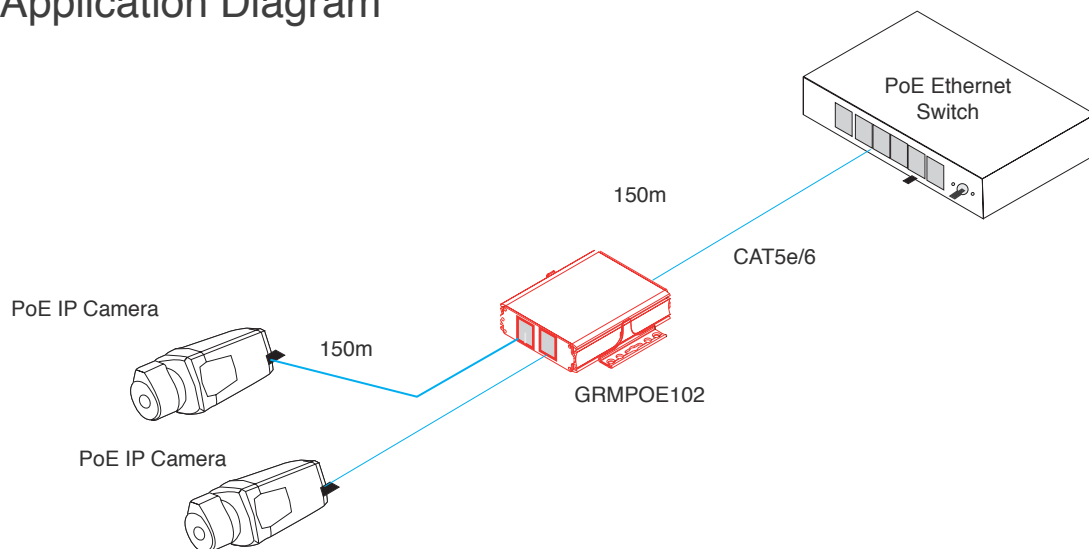
- GRM2U - 2U Management Rack
- POE-INJS01 - Power over Ethernet (PoE) Injector

# Technical Specification

Model Number	GRMPOE102
Power Supply	PoE Power Supply
Consumption	<3W
Ethernet Port	PoE IN Port:10/100Mbps, PoE Input Port PoE OUT Port:10/100Mbps, PoE Output Port
Transmission Distance	150m
Transmission Medium	Cat5e/6
PoE Protocol	Support IEEE802.3af, IEEE802.3at Protocol
PoE Mode	Compatible with End-Span and Mid-Span
Network Standard	IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX
Network Delay	<20us
LED	PoE In Port and PoE Out Port: RJ45 Yellow Light indicates PoE Status; Green Light indicates Data Exchange
ESD	1a Contact Discharge Level 3 1b Air Discharge Level 3 Per: IEC61000-4-2
Communication Lightning Protection	Per: IEC61000-4-5 Level 3
Working Temperature	-40°C~75°C
Storage Temperature	-40°C~85°C
Humidity	0~95% (Non-Condensing)
Dimensions (L x W x H)	103 x 82 x 25 mm
Weight	195g

Genie CCTV reserves the right to change specifications without notice. Please contact your representative to confirm current specifications.

## Application Diagram



## Additional Product Information

Please note this device requires a 802.3at PoE supply also known as PoE+ or PoE plus, 802.3 at is able to supply approx 24 Watts of power by using two pairs of wires in the cable instead of just one pair. A standard POE 802.3af switch will only be able to deliver approx 15.4 watts of power using a single pair of cables. All of our POE switches are 802.3at as standard and have been fully tested to work with the products.