GRMPOE102

IP TRANSMISSION

PoE Repeater – 1x In, 2x Out

Key Features

- 3x 10/100Mbps Ethernet ports, one PoE input port, two PoE output ports
- Meets the requirements of local monitor, long distance transmission and PoE power supply
- Wall and desktop easy install

- PoE power supply is compatible with End-Span and Mid-Span
- Circuit isolation protection, effectively improves lightning protection
- Plug and play, no setting required

- Uses advanced network cable drive technology and is able to reach a distance up to 200m

The Genie **GRMPOE102** is a PoE ethernet repeater which uses advanced network cable drive and power supply technology to extend 100m ethernet signal to 200m, greatly extending the transmission distance and providing PoE at the same time.

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Specification

Power

Power Supply	PoE Power Supply
Consumption	<3W

Ethernet Port

Transmission Distance	100m (See Table 1 below)
Transmission Medium	Cat5e/6
PoE Protocol	Supports IEEE802.3af, IEEE802.3at Protocol
PoE Mode	Compatible with End-Span and Mid-Span

Network Switch

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Network Standard	IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX
Network Delay	<20us

Others

LED Status Indicator	PoE IN Port and PoE OUT Port: RJ45 yellow light indicates PoE status. Green light indicates data exchange
ESD Protection	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 (Non-Condensing)	0~95%
Material	Aluminum
Dimensions	103 × 82 × 25 mm
Weight	195g

Dimensions
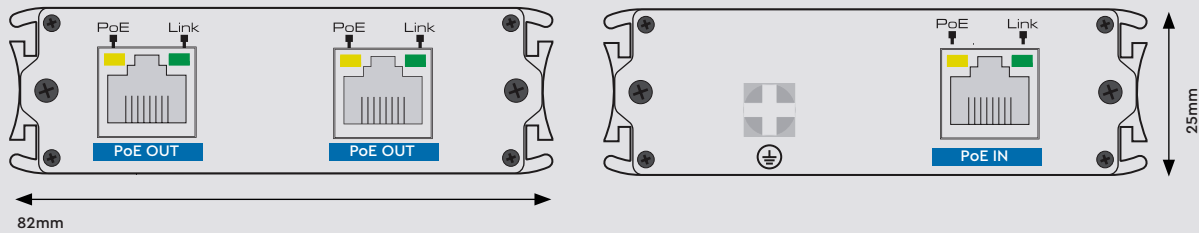
Application
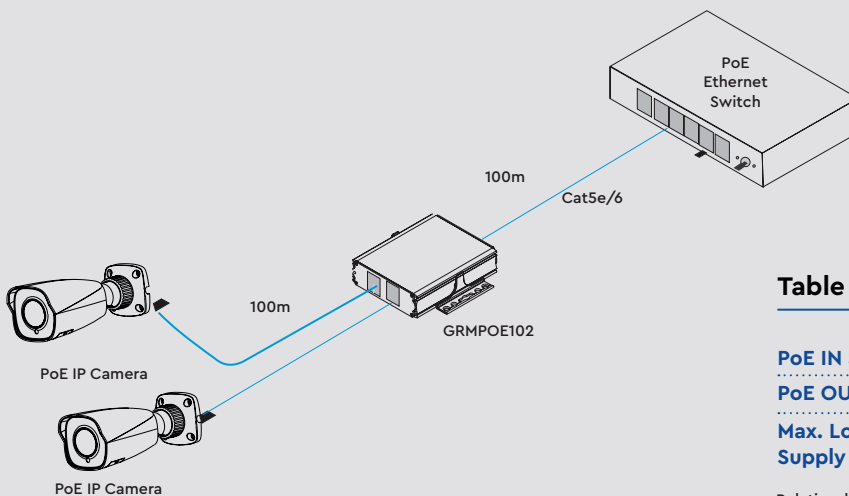
Table 1: Transmission Distance

PoE IN Side Distance	100m	100m
PoE OUT Side Distance	1m	100m
Max. Load Power Supply	22.5W	20W

Relationship between Single Port power and distance, power divides equally when dual ports work.

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