POR-0102

2-Port Power over Ethernet Repeater

POE
Ethernet Switch
15.4W

100 m

100 m

100 m

Power

POR-0102

POR-0102

POR-0102

PD1

PD2

PD1+PD2 ≦ 6.5

PD3

PD4

PD3+PD4 ≦ 6.5
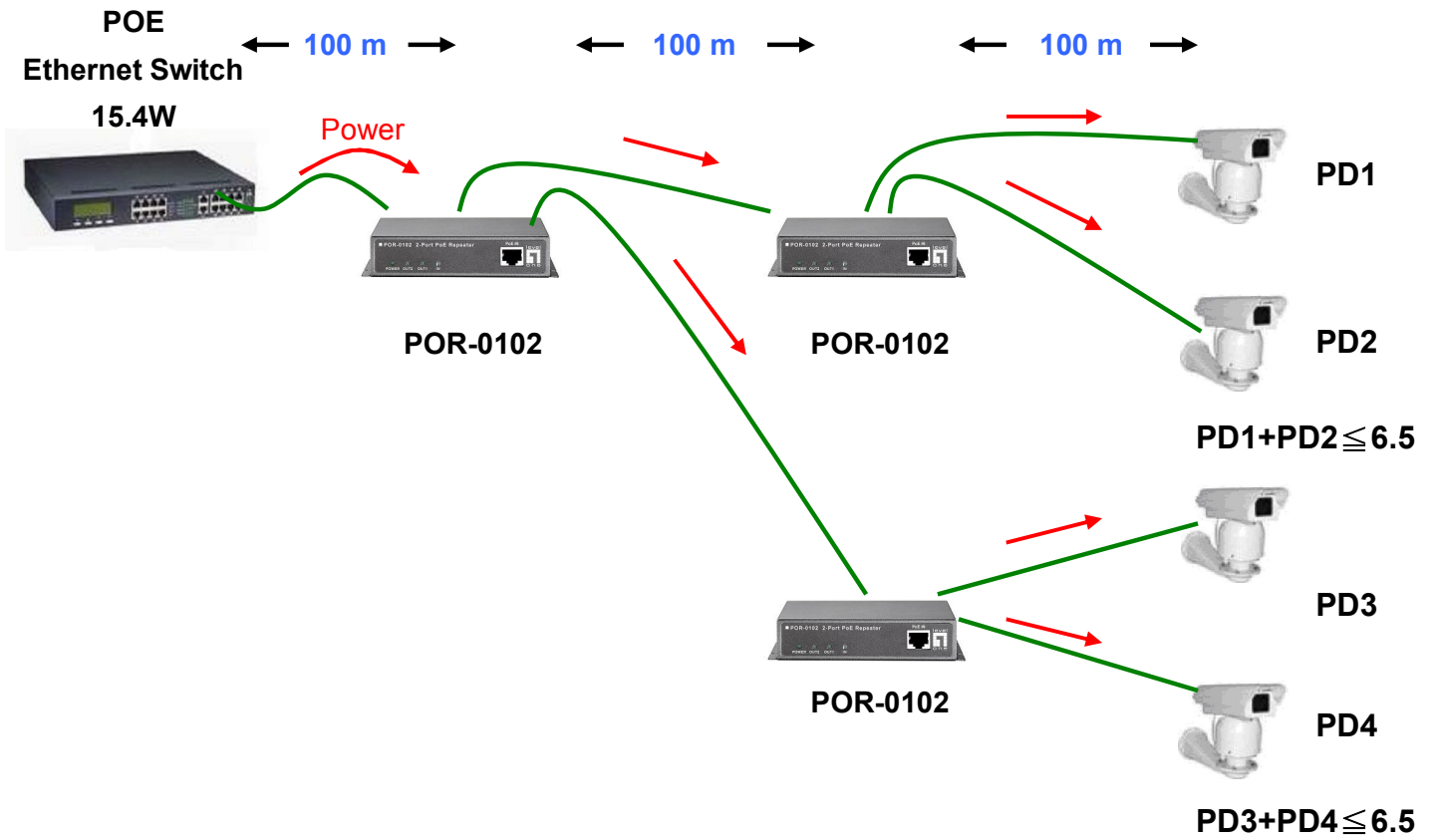
Maximum Range

Connect with Standard 15.4W PSE

End to end distance	100m	200m	300m	400m	500m
Daisy-Channing (PoE Repeater)	0	1	2	3	N/A
Total Output Power (Out 1+Out 2)		≦10.9 W	≦6.5 W	≦3.84 W	Data only No power

Connect with Hi-Power 30W PSE

End to end distance	100m	200m	300m	400m	500m	600m	700m	800m
Daisy-Channing (PoE Repeater)	0	1	2	3	4	5	6	7
Total Output Power (Out 1+Out 2)		≦ 25.5W	≦ 21W	≦ 16.5W	≦ 12W	≦ 7.5W	≦ 3.84W	Data only No Power

Connect with Hi-Power 40W PSE

End to end distance	100m	200m	300m	400m	500m	600m	700m	800m	900m
Daisy-Channing (PoE Repeater)	0	1	2	3	4	5	6	7	8
Total Output Power (Out 1+Out 2)		≦ 28W	≦ 25.5W	≦ 21W	≦ 16.5W	≦ 12W	≦ 7.5W	≦ 3.84W	Data only No Power

Quick Guide

## Step 1: Connection to Power over Ethernet Switch

A. Connect one of the Ethernet Switch port with PoE power supply to the **PoE IN** port of P0R-0102 as the following connection.

B. The LED indicators "**POWER**" and "**IN**" will turn on indicating the PoE and Ethernet connection.

C. The LED indicators "**IN**" will flash to indicate Ethernet data activity.

PoE Switch

100 m
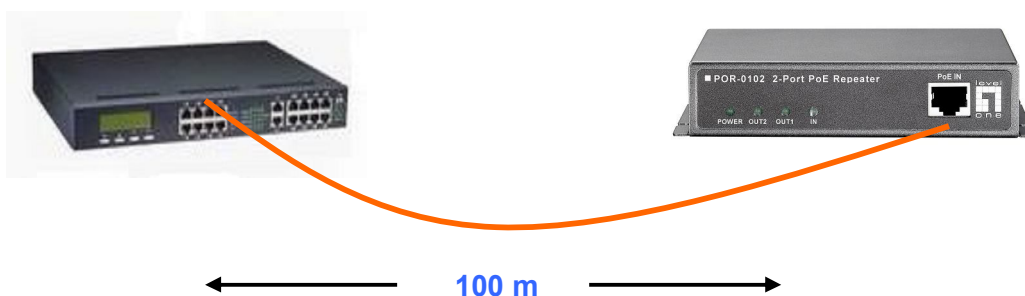
Step 2: Connection to PoE PD

D. Connect the **PoE OUT1 & OUT2** port of PR102 to power up the PD device as the following connection.

E. The LED indicators "**OUT1**" will turn on indicating the PoE and Ethernet connection.

F. The LED indicators "**OUT1**" will flash to indicate Ethernet data activity.

G. The LED indicators "**OUT2**" will turn on indicating the PoE and Ethernet connection.

H. The LED indicators "**OUT2**" will flash to indicate Ethernet data activity.

POE Ethernet Switch — **100 m** — **100 m** — Power — **POR-0102**
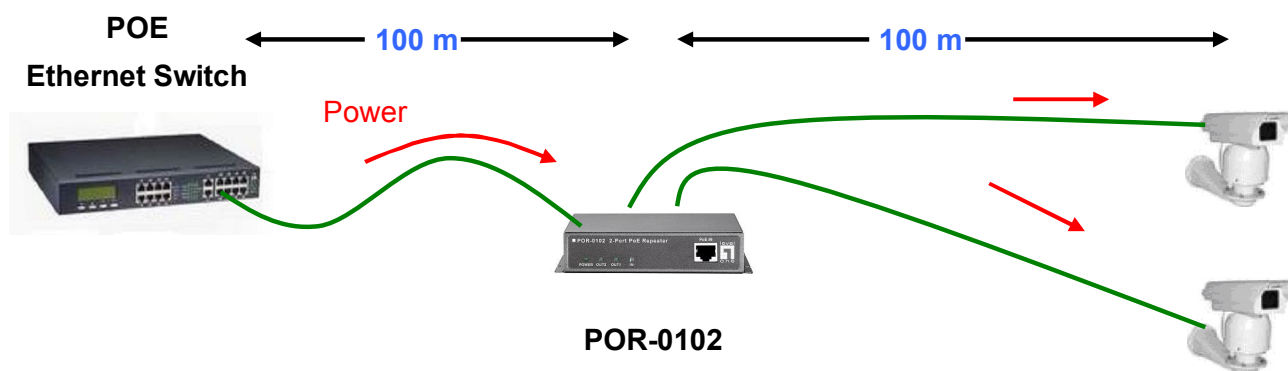
** **Note:** **If the Ethernet cable is not standard CAT5 cable, the POR-0102 may be working for shorter length than 100 meter.**