level one®

POR-0100

Power over Ethernet Repeater

POE
Ethernet Switch

← 100 m → ← 100 m → ← 100 m →

POR-0100   POR-0100   PD Device (6.5W Max)
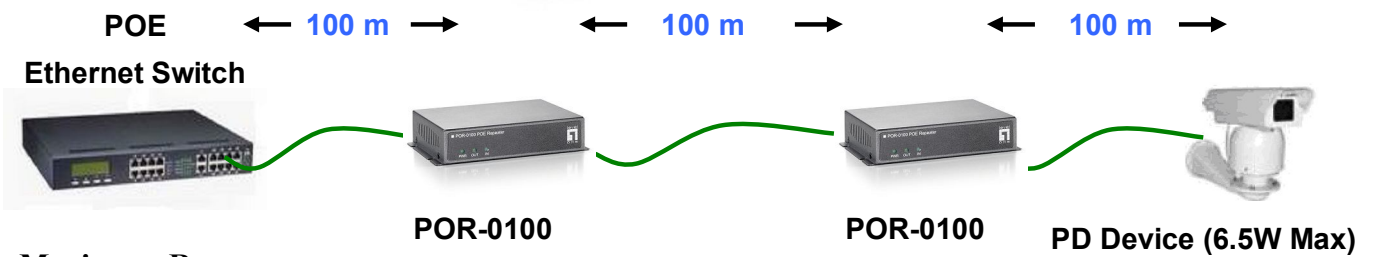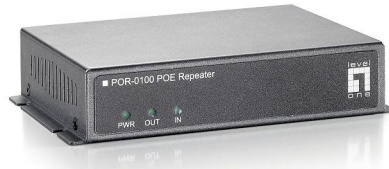
Maximum Range

Connect with Standard 15.4W PSE

End to end distance	100m	200m	300m	400m	500m
Daisy-Channing (POR-0100)	0	1	2	3	N/A
Power Available		≦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 (POR-0100)	0	1	2	3	4	5	6	7
Power Available		≦ 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 (POR-0100)	0	1	2	3	4	5	6	7	8
Power Available		≦ 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 **LAN IN** port of POR-0100 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
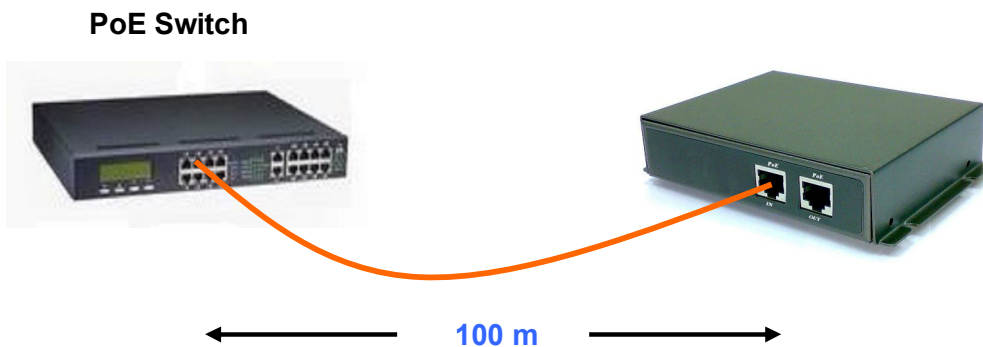
Step 2: Connection to PoE PD

    D. Connect the **LAN OUT** port of P0R-0100 to power up the PD device as the following connection.

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

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

PoE Switch   **PR100**   **PD Device (6.5W Max)**
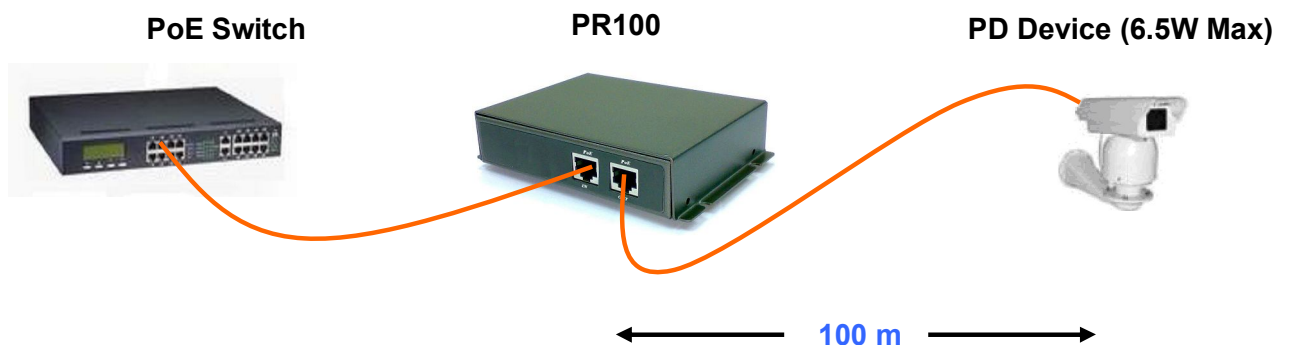
100 m

** Note: If the Ethernet cable is not standard CAT5 cable, the POR-0100 may be working for shorter length than 100 meter.

V1.0