

Step 1. Check the package contents

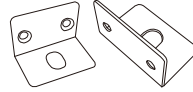
- IP Extender x 1



- Power Adaptor (DC12V2A) x 1



- Device Mounting Kit x 2
Screws x 6



- Terminal Block x 1 (Not included in PM111)



Step 2. Physical images

Product appearance



Front panel

PM112 / PM212



- ① Power Jack
- ② LAN Port (RJ-45)
- ③ Dip Switch

PM111



- ④ LED Indicators
- ⑤ Link port (RJ11) / BNC
- ⑥ Earth

Back panel



⑥ Earth

1. Power Jack: The power input for the device is DC12V as indicated on the panel.
2. LAN Port (RJ45): This port will be connected to a network device. (EX. IP camera, PC or hub)
3. Dip Switch

	DIP 1	DIP 2	DIP 3	DIP 4
Functions	Master/Slave	Transmission Mode	Flow Control	S/N
ON	Slave(CPE)	Fast	Up to 100/60 Mbps	6 dB
OFF	Master(CO)	Interleave	50/20 Mbps	9 dB

4. LEDs : Description of link LED status:

LED	Off	Flashing	On
Status	No Link	Data Transmitting	Idle
Speed	Full Duplex 100Mbps Half Duplex 10Mbps		

Description of all LEDs status:

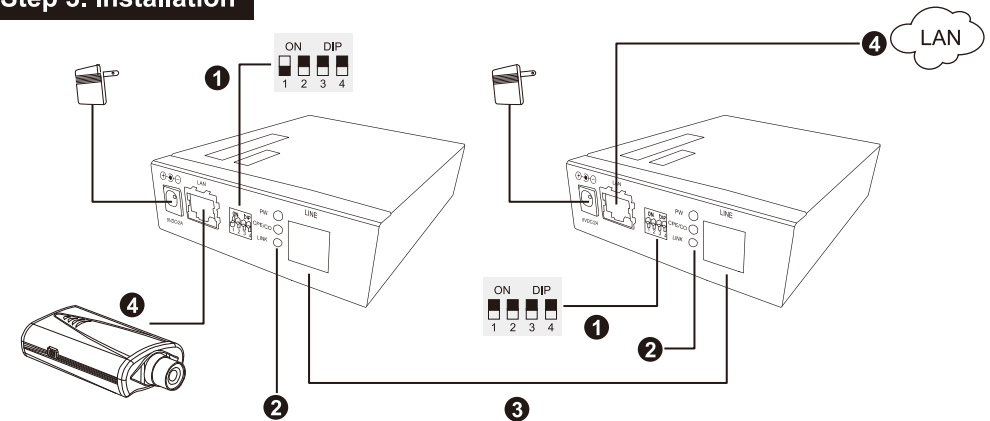
LED>Action	Off	On	Flashing
PW	Power Off	Power On	
CPE/CO	Act as Master (CO)	Act as slave (CPE)	
LINK		Connected	Connecting

5. Link Port (RJ11) / BNC: IP Extender device is working in a pair (except PM212).

A telephone line / coaxial cable links the Media Converter, so they can communicate with each other.

6. Earth: Earth connector.

Step 3. Installation



IP Extender Physical Connection (see above figure)

- 1 In order to connect the IP Extender, DIP switch setting has to be done

Set left IP Extender(CO) to "OFF"



, set right PMC(CPE) to "ON"



- 2 Connect both IP Extender to power and take note of the LED status.

• Both side "PW" LED have to be ON



• "CPE/CO" LED on the left has to be OFF



• "CPE/CO" LED on the right has to be ON



- 3 Connection will be made, when both IP Extender are connected with phone line/coaxial cable.

- 4 Connect IP camera to left IP Extender(CO) Ethernet port and connect PC device to right IP Extender(CPE) Ethernet port.