

OM4402 CCTV /IP-IP PoE Extender

User Manual

The CCTV /IP-IP PoE Extender (OM4402) allows one POE IP camera to be connected up to 1200m via a single coaxial cable or network cable in a point-to-point configuration.

The product works in pairs. One is as central unit, and the other is as end user. The power consumption is low enough so that it does not load the PoE source or switch. The maximum distance depends on the grade of coaxial cable/network cable and the power consumption of the camera.

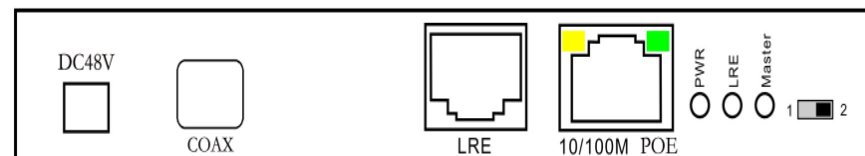
Packing List

CCTV/IP-IP Extender OM4402	1set
Power Adapter	1pc
User manual	1copy

Technical Parameter

Transmission Rate: 10/100Mbps
 Distance: 30M: 1200 meters; 100M: 400 meters
 Interface: RJ45, BNC
 Anti-interference: >60db
 Transmission medium: CAT5E, telephone line, coaxial cable
 Operating Temperature: 0-55℃
 Storage Temperature: -20-80℃
 Storage Humidity: 0-95%
 Power Supply: 12VDC
 Dimension: 160(L)mm*95(W)mm*27(H)mm

LED Introduction



POW: Power indicator, on means normal, off means power isn't connected

Master: Central unit and end user unit indicator, on refers to central unit and off refers to end user unit.

LRE indicator: On means connecting normally, off means something wrong.

LRE port: Extensive cord interface, only use the fourth and fifth cable. LRE light on, means connecting normally, off means something wrong.

COAX port: BNC connector, could use normal SVY75-5 cable. LRE light on, means connecting normally, off means something wrong.

10/100M POE port: 10/100M POE Ethernet port

RJ45 port indicator: For left top indicator: no use

For right top indicator: on refers to normal connection, flashing refers to data transmission

DIP switch Introduction



	Function setting	1	2
1	Central unit and end user unit	Central unit	End user unit

Tips: The default is 1 or setting according to customers' requirements. Please refer to the manual before using the device. Central unit: DIP switch at 1. End user unit: DIP switch at 2.

Installation Procedure

Please install as following steps:

1. Make one unit OM4402 as central unit (DIP switch at 1). Power up the OM4402. Use network cable to connect OM4402 with POE IP camera.. If connection is correct, the green light of 10/100M POE port is always on or flash. The master light is on means this OM4402 is central unit.

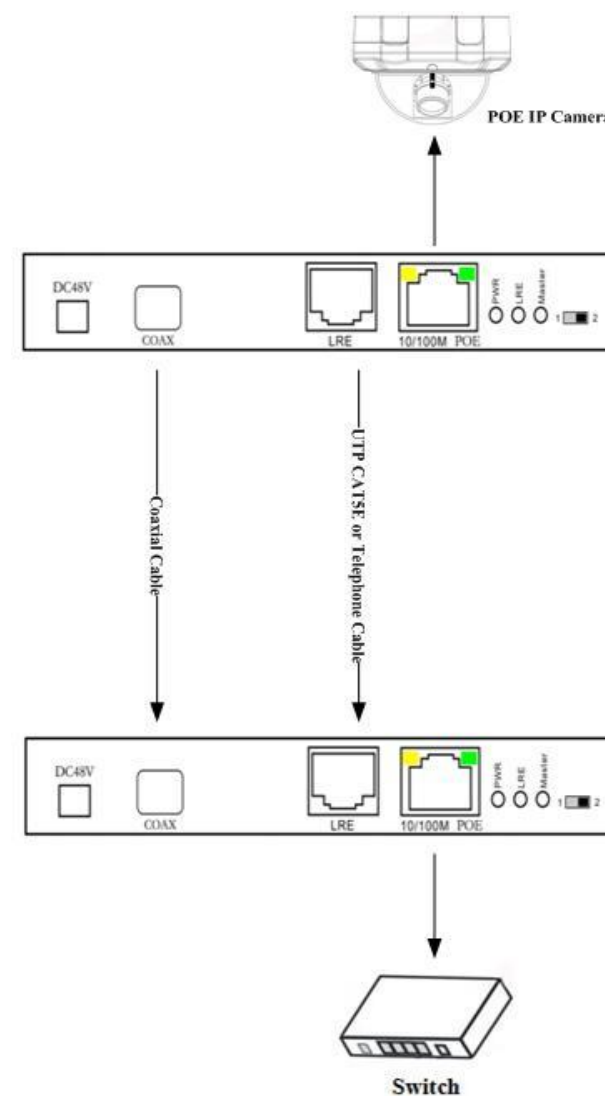
2. Make another unit OM4402 as end user unit (DIP switch at 2), Power up the OM4402, Use network cable to connect OM4402 with switch. If connection is correct, the green light of 10/100M POE port is always on or flash. The master light is off means this OM4402 is end user unit.

3. Connect port LRE of central unit and port LRE of end user unit with long CAT5E cable or telephone line. The port LRE light is always on means cable connection is correct.

OR

4. Connect port COAX of central unit and COAX port of end user unit with long coaxial cable. The port LRE light is always on means cable connection is correct.

Connection



Please just choose one way to connect. 1)Using UTP CAT5E or telephone cable 2) Using coaxial cable