

IP CABLING TRANSMISSION – Four Port POE camera over Coax

ITEM NO.: AMG1282 4 Port POE camera over Coax Extender



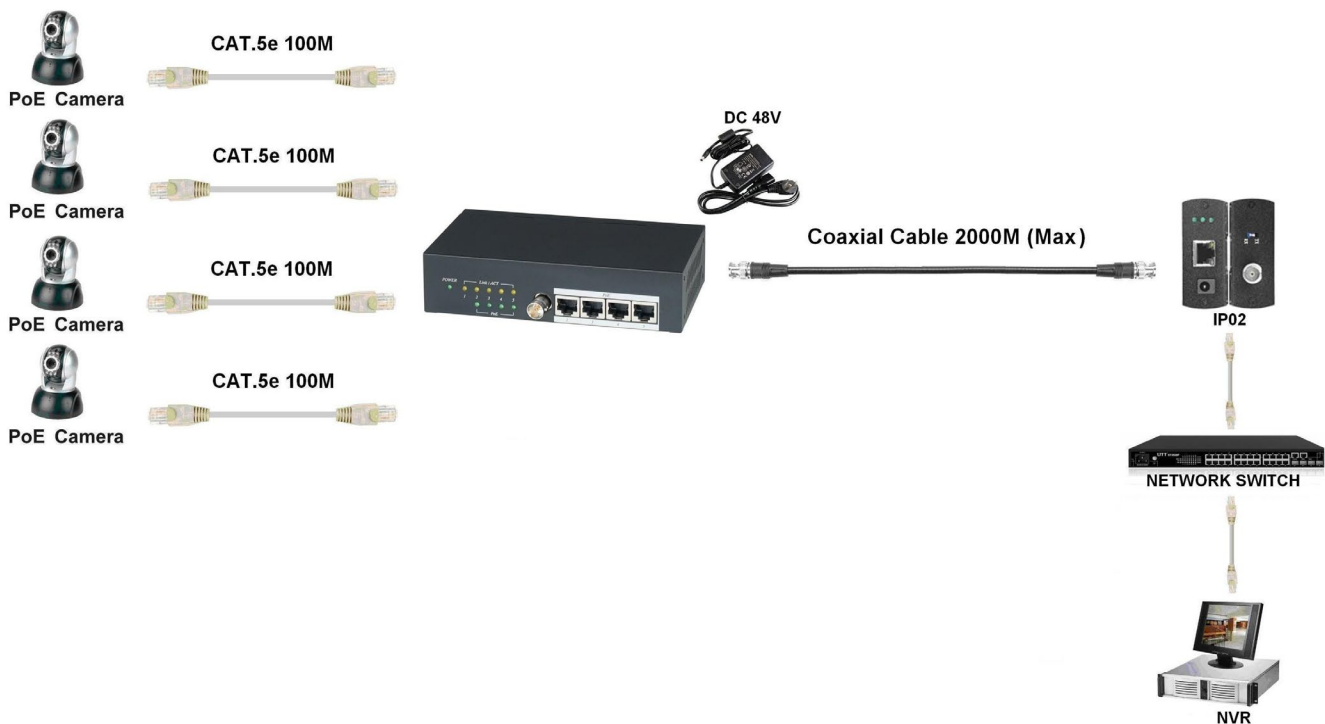
AMG1284 includes a 4 Port POE switch over coax as a transmitter and one AMG1212 as receiver. It is an IP extender over coax solution with a four port POE switch. AMG1282 can support up to 4 POE IP cameras, the PoE switch meets IEEE 802.3af standards and supports up to 10/100 Mbps speed and powered network devices. With AMG1282 4 port POE Hub to AMG1212 receiver, you can extend 4 x IP video links up to 2KM over coax cable.

With PoE installation of network devices such as IP surveillance cameras, wireless access points, IP phones, and other PoE enabled devices in hard-to-reach, outdoor, and remote areas is simplified.

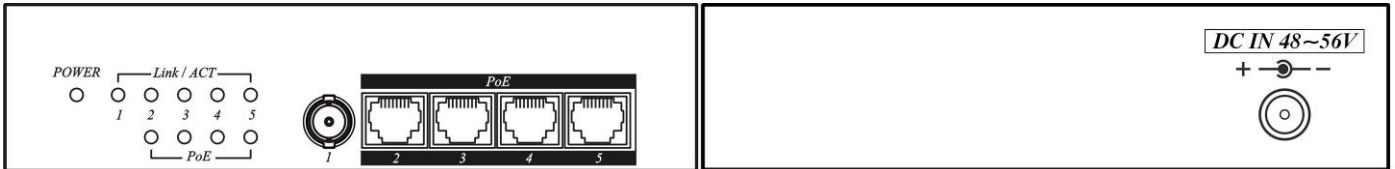
Features:

- Package include AMG1282 as transmitter connect to 4 port POE camera and AMG1212 as receiver to connect with network switch
- 4-Port RJ45 10/100Mbps with embedded PoE Injector.
- 1-Port BNC 10/100 Mbps to send and extend IP camera signal or any TCP/IP devices over existing coaxial cable up to 2000 meters.
- Auto-sensing for detecting PoE or non-PoE devices.
- Compatible IEEE 802.3af PoE standard.
- Support external power supply DC48V,DC56V

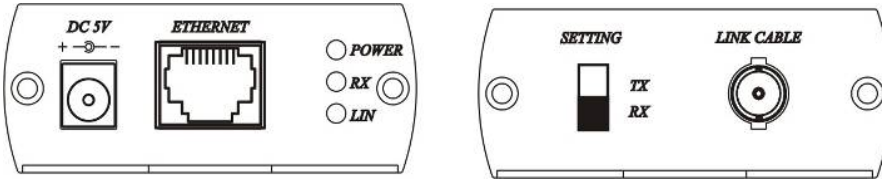
Installation View:



AMG1282



AMG1212



LED Indication:

AMG1282	Power (Green)	ON	Power on
		OFF	Power off
AMG1282	Link/ACT (Yellow)	ON	10/100 Mbps link
		OFF	10/100 Mbps unlink
		FLASH	Activity
AMG1282	PoE (Green)	ON	PSE sending power
		OFF	PSE non power
AMG1212	RX LED	ON	Set to Receiver mode
		OFF	Set to Transmitter mode
AMG1212	Link LED	Slow Blink	Searching
		Fast Blink	Linking
		On	Linked
AMG1212	Ethernet LED	Green ON	Link, Blink = ACT
		Orange ON	100Mbps speed

TX/RX Setting

TX/RX ↑ = Transmitter (IP Camera or any TCP/IP devices)
 ↓ = Receiver (PC/Network Switch side)

Data Rate reference:

AMG1284 use RG59/U cable:
 300M 50Mbps
 600M 45Mbps
 1000M 40Mbps
 2000M 20Mbps

Cable:

Link cable: high quality coaxes cable such as RG59/U, Ethernet: Standard CAT5/CAT5e cable.

Caution:

In order to avoid interference or shorter working range. The cabling must away from any equipment with electromagnetic wave, i.e.: microwave, radio equipment, high voltage.

Package Include:

AMG1282 x 1 piece
AMG1212 x 1 piece
DC48V 65w power adapter x 1 piece
DC5V 2Amp power adapter x 1 piece

Specification:

ITEM NO.	AMG1282
Input/Output Connector	RJ45 x 4, BNC x 1
Data Link	Pins 1, 2 / 3, 6
Power Link	Pins 1, 2 / 3, 6 (End-Span)
LED Indicator	Power(Green), 10/100, Link/Act(Yellow), PoE(Green), RX, Link
PoE Port Power	IEEE 802.3af Standard (1-Port 15.4 Watts/320mA)
External Power Supply	DC 48V 65W 1.36.A
Power Consumption	Non-load 5W (100mA) · 4port 7.4W (150mA)@10/100Mbps
Temperature	Operation: 0 to 55°C, Storage: -20 to 85°C, Humidity: Up to 95%
Dimensions mm	190 x 140 x 45 (mm)
Weight g	1050 (g)

ITEM NO.	AMG1212
Link Cable Connector	BNC x 1 (1 Vp-p · 75 Ohm)
Link Cable Distance	2000M (Max)
Link Speed	50 Mbps @ 300 meters
Ethernet Connector	RJ45
Ethernet Cable Distance	100M (Max)
Ethernet Speed	10M / 100Mbps
Power Supply	DC 5V / 2A
Power Consumption	750mA (Max)
Temperature	Operation: 0 to 55°C, Storage: -20 to 85°C, Humidity: up to 95%
Dimensions mm	67 x 146 x 27
Weight g	215

RoHS   

Rev.A