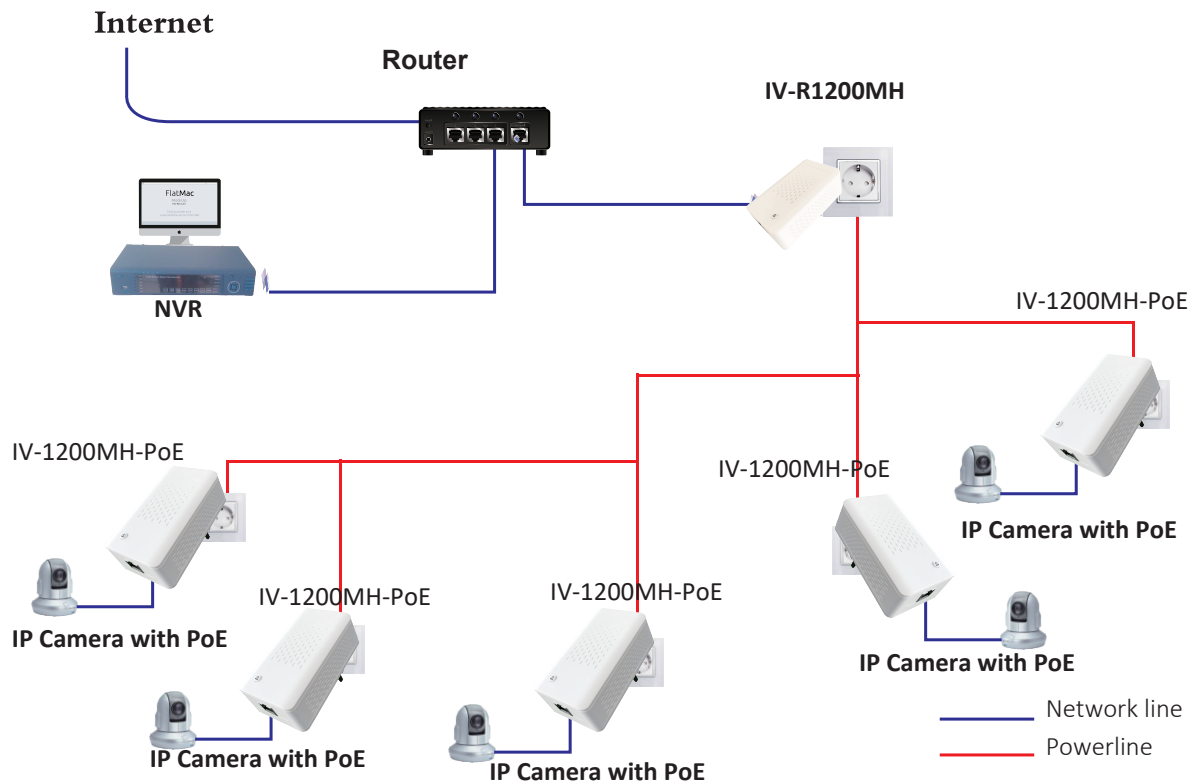# IV-1200MH-PoE

Introduction

The IV-1200MH-PoE Smart Link 1200Mbps Ethernet Adapter embarks on a concept of No New Wires data communications, and it transforms your in-house powerline into a networking infrastructure. It provides SmartLink Plus coupling to the Line-Neutral pair and the Line-Ground pair of the AC mains. It successfully reduce "dead spot", increase throughput and increase network coverage within a home. Surf the Internet and share data at the speed up to 1Gbps PHY rates through powerline, And Built-in PoE Injector to provide 55V/48V classification power via CAT5E / CAT6 WD-1200MH-PoE Smart Link It features faster processing power, Fast Ethernet host interfaces and an enhanced analog front end. The solution is compliance with IEEE1901 , IEEE 802.3at /af compliant Midspan or Endpoint (Option) PSE

Specifications

Item	IV-1200MH-PoE
Interface	1*LAN10/100/1000Base-TX applied for RJ45 interface
LED display lights	PLC(PLC signal light)
Transmission band	2-68MHz
Protocol	HomePlug AV2 IEEE 802.3 IEEE 802.3u 10/100Ethernet Standard IEEE802.3at/af Standard
Security	128-AES
Transfer rate(PHY)	1200Mbps
Modulation	OFDM
Plug	EU,UK,AU,US
Operating system	Windows 98/ME/NT/2003/7 Windows XP Home/Pro Mac OSX Linux
Power over Ethernet	Provides 55V,30w/48V 15.4w for PD (Power device) CAT5 Ethernet Pin Usage
Power source	AC 100V-240V 60/50Hz
Environment	working temperature:0 ℃-70℃ working humidity 10%-90% non-condensed state
Size	105mm×60mm×37mm L×W×H
Weight	180g
Certification	FCC CE ROHS

Features

High-Speed powerline adapter with Ethernet interface for fast data transfer over the existing household power supply

The high-speed transfer rates of 1200Mbps even make it possible to transmit video in DVD quality

No need new wires and use at any power socket with up to 500 meters

Simple plug and easy to install Fully compliant with IEEE802.3/802.3u,IEEE802.3at/af HomePlugAV/HomePlugAV2   standard

Provide DC55V power for the PoE PD over CAT5e / CAT6

Provide 128-bit AES link encryption for Powerline networks

Up to 1200Mbps data rate on Powerline networking

Allow user to connect PCs and other devices conveniently via any power outlet at home

IEEE 802.3at /af compliant Midspan or Endpoint (Option) PSE