



HomePNA™ Coax Gigabit Ethernet Adapter

HomePNA™ 3.1 Coax Gigabit Ethernet Adapter

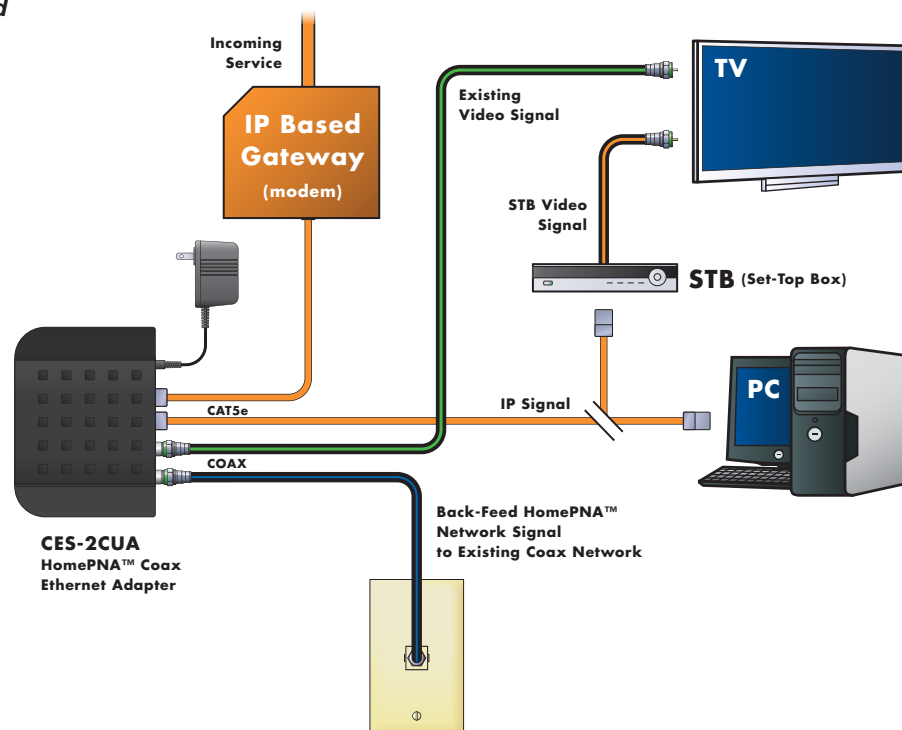


Product Description

Suttle's HPNA 3.1 Coax Ethernet Adapter enables you to set up a home network with your existing coaxial cable. No additional wiring or setup is necessary. Simply connect the home's gateway device to an adapter and plug it into any coax connector, and any coax port on the network can be fed both RF or IP video and high speed data. The adapter does include intelligence to support various services, including VLAN tagging, queuing scheme, and bandwidth control.

Features

- **Instant Installation:** Utilizes existing coax infrastructure to support high-speed local area networking via HomePNA v3.1
- **HCNA PHY Rate up to 256Mbps**
- **Two 10/100/1000Mbps gigabit ethernet ports, one HomePNA v3.1 coax port, one TV coax pass-through port**
- **Low maintenance and remotely manageable with QoS and TagVLAN configuration**
- **Compatible with existing RF off-air CATV non-DOCSIS based systems**
- **Energy Efficiency (Green) Ethernet Support**
- **Status Indicator LEDs**
- **Signal Quality Indication**
- **Filter Built-in to Eliminate Noise from TV**
- **IGMP Snooping Control**
- **HomePNA certified**



Specifications

Connectors	----- Ethernet: 2 RJ45 connectors HCNA : 2 F-type female coax connectors (1 for HCNA, 1 for TV)
Network Standards	----- HomePNA 3.1 over Coaxial Cable (HCNA) IEEE 802.3 10M Ethernet IEEE 802.3u 100M Fast Ethernet IEEE 802.3ab 1000M Gigabit Ethernet IEEE 802.3az Energy Efficiency Ethernet
Transmission Power	----- -2 ~ +1 dBm
Transmission Spectrum	----- 12 - 44MHz
Transmission Attenuation Range	----- > 50dB
Transmission Distance	----- Up to 4000 feet (-176dBm/Hz noise floor) on RG59 cabling
Quality of Service	----- Priority mapping based on IEEE 802.1p Guaranteed QoS based on HomePNA3.1 parameterized QoS
Gigabit Ethernet Interface	----- 10/100/1000Mbps auto negotiation MDI/MDI-X auto crossover
Management	----- Queuing Scheme Based on 802.1p/TOS TagVLAN ID Tag/UnTag or Pass Through IGMP Snooping Control (V1 & V2) Statistics and Status
Power Requirement	----- 5 VDC external power supply
Power Consumption	----- < 4 Watts
Operating Temperature	----- 0°C ~ 50°C (32°F ~ 120°F)
Storage Temperature	----- -10°C ~ 65°C (14°F ~ 149°F)
Operating Humidity	----- 10% ~ 95%, Non-condensing
Dimension	----- 5.12"W x 3.74"D x 1.26"H 130mm W x 95mm D x 32mm H
EMI/EMC and Safety	----- Complies with FCC Part 15 and VCCI Complies with CE



Part #	Description
CES-2CUA	HomePNA 3.1 coax gigabit ethernet adapter

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