Coaxial

200M UPA/DHS/OPERA

PowerGrid 9122c Ethernet Adapter

The PowerGrid9122c, UPA (Universal Powerline Association) DHS (Digital Home Standard) and OPERA broadband standard compliant Ethernet adapter, provides high quality data transmission for high-speed networking. It allows users to extend a local area network via existing coaxial lines/cables, which eliminates the need for extra wiring. Installation in a home (or small office) is quick and easy as the PowerGrid9122c comes complete with plug and play technology.

Comtrend's PowerGrid9122c can achieve line 200 Mbps peak PHY rates for whole-home High-Definition video streaming and advanced CPE application. Such high speed transmission can support on-demand video, on-line gaming, multimedia downloading or other broadband uses. Sharing peripherals such as DVs, printers, scanners and digital cameras is also supported. Additionally, the PowerGrid9020 features advanced encryption algorithms to safeguard your network integrity.

FEATURES

High Speed Data Transmission

Speeds of up to 200Mbps to support broadband applications such as video, gaming, digital music, file sharing, and Internet browsing in the home.

Plug & Play

Quick and easy connections with embedded plug and play. To extend a network, simply plug a pair of adapters into any two power outlets. No configuration required!

Security

With advanced data encryption capability, the Ethernet over Coaxial network is safe and secure.

Extends Connecting Range And Eliminates Dead Spots

Unlike wireless, Ethernet over Coaxial technology can cover in excess of 99% of the home.

Coaxial Cable Solution

Through the coaxial cable in a house to make an effective and interference less network for transmit Ethernet signal.

PowerGrid 9122c

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SPECIFICATIONS

Interface
- RJ-45 X 1 for Ethernet connection
- Coaxial

Ethernet
- IEEE 802.3, IEEE 802.3u
- 10/100 BaseT auto-sense
- Support MDI/MDX

Modulations
- OFDM, 1536 Carriers; Flexible frequency configuration

Data Rate
- Up to 200Mbps

Management
- HTTP Web-based management; Firmware upgrade via TFTP
- TR-069 Supported (Optional)

Security
- Mixed DES/3DES and AES(128 bit, 256 bit) encryption guarantees total data security

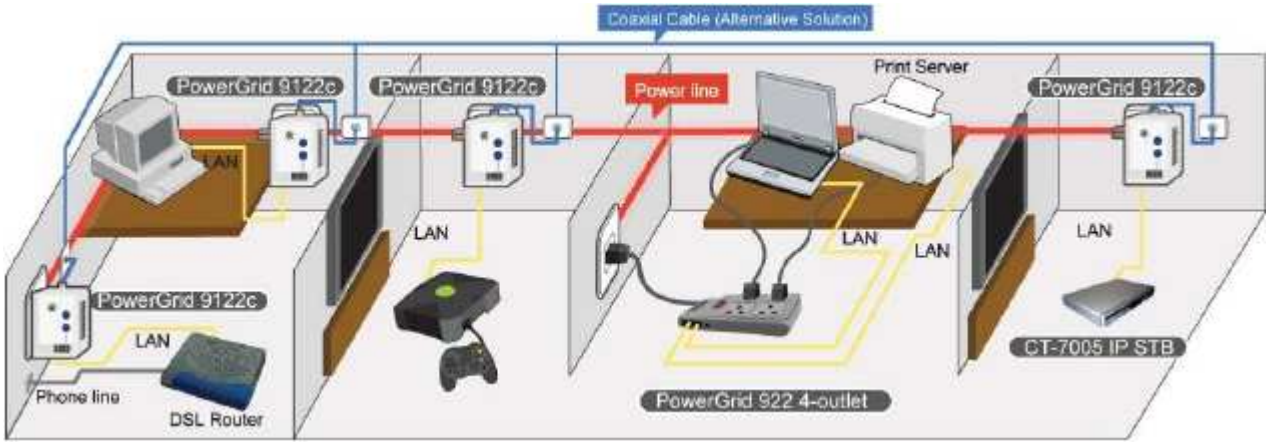
Network Protocols
- 802.1D Ethernet Bridge
- Quality of Service (QoS)

Power
- 110-240 VAC 50Hz/60Hz
- Power consumption less than 4.5W
- Auto power saving mode less than 1W

Environment Conditions
- Operating temperature: 0 ~ 40 degrees Celsius
- Relative humidity: 8 ~ 95% (non-condensing)

Dimensions
74mm(W) X 94mm(H) X 40mm(D)

Note: Specifications are subject to change without notice



COMTREND CORPORATION

Taiwan:
3F-1, No.10, Lane 609, Chung Hsin Road Section 5, San Chung, Taipei, Taiwan 24159
Tel: 886-2-2999-8261
Fax: 886-2-2999-8497

China:
NO.88 East QianJin Road,Kunshan City,JiangSu,China
Tel: 86-512-57383156, 86-512-57383157, 86-512-57384515
Fax: 86-512-57383155

Spain:
Edif. América II C/Prócion,7 portal 3 bajo H 28023 Madrid, Spain
Tel: 34-917990403
Fax: 34-913510999

UK:
566 Chiswick High Road Building 3, Chiswick Park Chiswick - London, W4 5YA UK
Tel: 44-0-8453701031
Fax: 44-0-8453701032

France:
8, Rue Edouard Naud
92130 Issy-Les-Moulineaux, France
Tel: 33-1-78463600
Fax: 33-1-78463601

Czech Republic:
TOKOVO Jankovcova 1518/2, 170 00, Prague 7, Czech Republic
Tel: 420-266-782040
Fax: 420-266-782990

USA & Canada:
16 Goodyear, Suite 120, Irvine, CA 92618
Tel: 1-949-7539640
Fax: 1-949-7539020

Brazil:
Al. Campinas, 977 - 7º. Floor - Room 71 / 72 - Jardins
Zip Code: 01404-001 - São Paulo - SP - Brazil
Tel: 00 55 11 3052-2295
Fax: 00 55 11 3052-2295

Mexico
Mariano Escobedo 396 Office 503 Colonia Anzures, Deleg. Miguel Hidalgo 11590 Distrito Federal México
Tel: +52 (55) 1579 6330