VigorPlug 200AV

200M Powerline Ethernet Adapter

Nothing Changed
Everywhere Connected

- Comply with HomePlug AV and compatible with HomePlug 1.0 standard
- Support up to 200Mbps data rates
- Integrated Enhanced Quality of Service (QoS) features
- Support IGMP managed multicast IP transmission
- Support 128-bit AES encryption
- Co-exist with existing 14Mbps HomePlug 1.0 and 85Mbps Turbo HomePlug 1.0

VigorPlug 200AV is a home used product which provides a very convenient way to connect PCs or other digital home device such as IPTV set-top box via existing power circuit. It is very easy to install and use, simply just plug straight into any existing wall electrical socket and you are ready to surf Internet and share your delight. By comply the HomePlug AV standard and up to 200M data rates, the VigorPlug 200AV is also perfect for High Definition (HD) and Standard Definition (SD) video distribution. The 128-bit AES encryptions will ensure that your network communications is safe and protected.

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Specification

Standard

- IEEE 802.3 / 802.3u, HomePlug AV, HomePlug 1.0

Modulation

- Orthogonal Frequency Division Multiplexing (OFDM)
  - Supports 1024/256/64/16/8 QAM, QPSK, BPSK, and ROBO modulation schemes

Frequency Band

- 2MHz – 28MHz

QoS

- CSMA/CA with prioritization and ARQ for reliable delivery
- Integrated enhanced Quality of Service (QoS)
  - 8 levels of prioritized random access
  - Contention-free access
  - Segment bursting

Security

- One Secure button to set random password for VigorPlug 200AV grouping
- 128-bit AES encryption

Operating Range

- Up to 200 meters

Data Rate

- Up to 200Mbps

Hardware Interface

- 1x RJ-45 Port
- 1x Secure Button
- 1x Reset Button
- 1x Power Jack (US/UK/EU)

LED indicator

- 3 LEDs for Powerline activity, Ethernet connection and Power on/off.

Temperature

- 0 to 70°C (operating)
- -40 to 70 °C (storage)

Humidity

- Max. 95% (Non-Condensing)

Regulatory Approvals

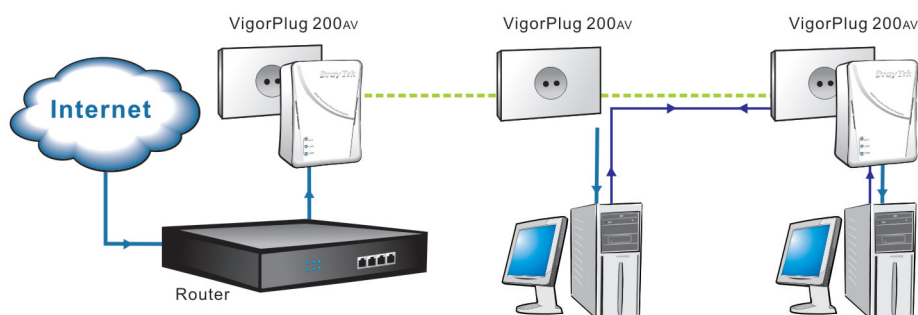- FCC, CE

Power Consumption

- Less than 5W

Dimension (LxWxH)

- 170x140x90 (mm)

Weight

- 150g

Network Application

IPTV Application