Powerline

200Mbps | HomePlug® AV | ClearPath™ | PoE

PG-9141s-PoE

Powerline Ethernet Adapter with PoE

Up to 200Mbps, Plus

ClearPath™ Technology

The Powergrid 9141s-PoE turns electrical wiring outlets into an Ethernet network capable of supplying a device (Camera, Access Point, IP Phone) with power and Ethernet connectivity using 1 cable. Connecting any one of these devices to the network router is as simple as Plug and Play. Unlike wireless technologies, walls and obstructions do not interfere with transmission speeds. Integrated ClearPath™ technology by Sigma Designs is ideal for audio and video networking. Unlike standard powerline, ClearPath™ enables higher throughput- using multiple input multiple output (MIMO) channels- with not one, but two pairs of wires within each power outlet.

Advantages

- Switches to the ground-wire pair as needed to reduce noise interference
- Powerline technology is capable of covering more than 95% of a typical household
- There's typically 10x more electrical outlets than cable/phone outlets per home
- Secure communication at the touch of a button
- Features TR-069 remote management
- Power-Saving mode when inactive
- Built-in Quality of Service (QoS)
- IGMP(IPv4) Snooping & MLD(IPv6) Snooping
- Up to 10 nodes per network
- Supports PoE (802.3af)

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Specifications

Interface
- RJ-45 X 1 for Ethernet connection
  802.3af compliant (15.4W)
- AC power plug X 1

Ethernet
- Standard IEEE 802.3u
- One 10/100 BaseT Ethernet Port
- Auto rate and duplex negotiation
- MDI/MDX support

Modulations
- OFDM, FEC; Flexible frequency configuration

Data Rate
- Up to 200Mbps

Management
- HTTP Web-based management; Firmware upgrade via
- TFTP, TR-069 Supported

Security
- AES 128 bits encryption ensures total data security

Networking Protocols
- 802.1D Ethernet Bridge
- 802.1Q VLAN
- Quality of Service (QoS)
- IGMP(IPv4) Snooping & MLD(IPv6) Snooping

Power
- 100-240 VAC 50Hz/60Hz
- Auto power saving mode max 0.5W (in standby mode)

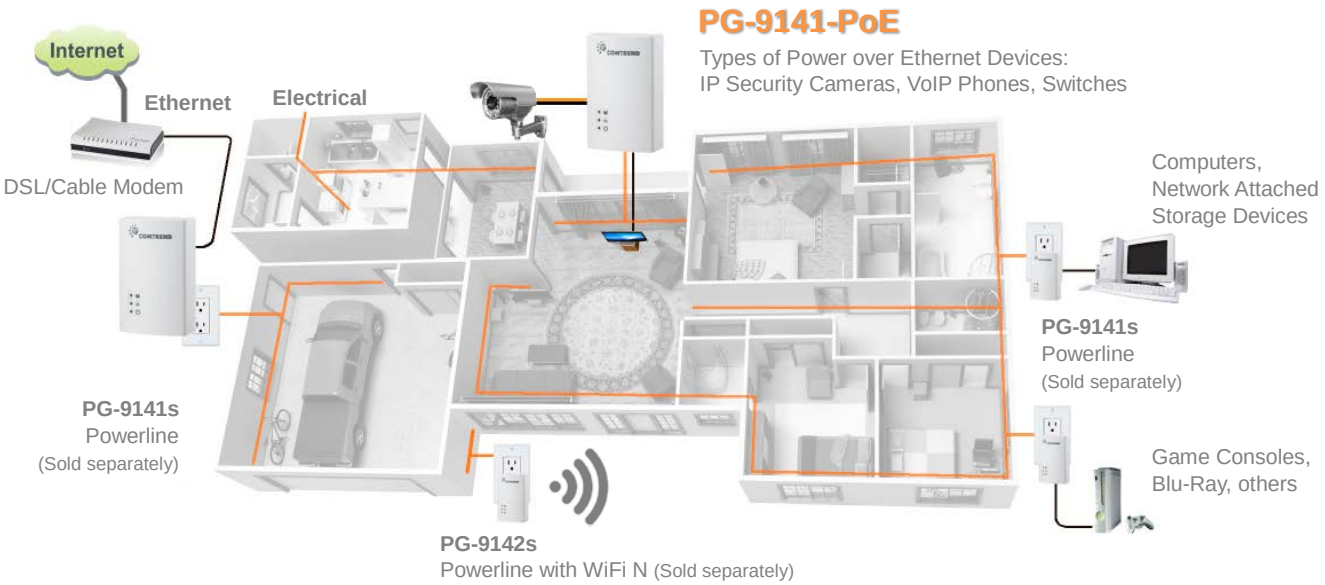
Environment Condition
- Operating temperature: 0 ~ 40 degrees Celsius
- Relative humidity: 8 ~ 95% (non-condensing)

Dimensions
- 93mm(H)x 29.6 mm (W) x 59mm(with plug)(D)

Certifications
- FCC

Note: Specifications are subject to change without notice

Transform power outlets into a home network AND *power your PoE devices.*



Intelligent routing and faster speeds with ClearPath™ Technology.

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