

## Powerline

200Mbps | HomePlug<sup>®</sup> AV | ClearPath<sup>™</sup>

## PG-9141s

# Powerline Ethernet Adapter



**Up to 200Mbps, Plus  
ClearPath<sup>™</sup> Technology**

The Powergrid 9141s turns electrical wiring outlets into an Ethernet network. Connecting a PC, Set-Top-Box, Multimedia Player, and similar 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<sup>™</sup> technology by Sigma Designs is ideal for audio and video home networking. Unlike standard powerline, ClearPath<sup>™</sup> enables higher throughput- using multiple input multiple output (MIMO) channels- with not one, but two pairs of wires within each power outlet.

### Advantages

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- 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

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## Specifications

### Interface

- RJ-45 X 1 for Ethernet connection
- 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

- 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

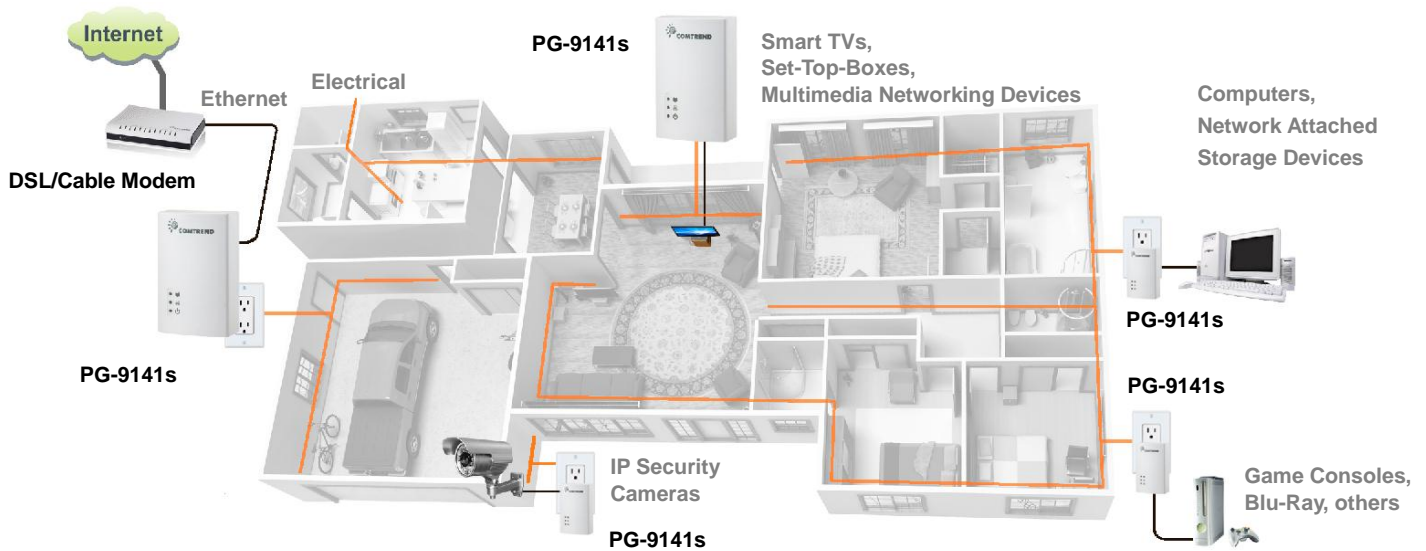
- 93mm(H)x 29.6 mm (W) x 59mm(with plug)(D)

### Certifications

- FCC

Note: Specifications are subject to change without notice

## Transform power outlets into a home network.



Intelligent routing and faster speeds with ClearPath™ Technology.

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