Powerline

200Mbps | HomePlug ® AV | ClearPath™

PG-9141s
Powerline Ethernet Adapter

Up to 200Mbps, Plus
ClearPath™ 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™ technology by Sigma Designs is ideal for audio and video home 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

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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
- 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
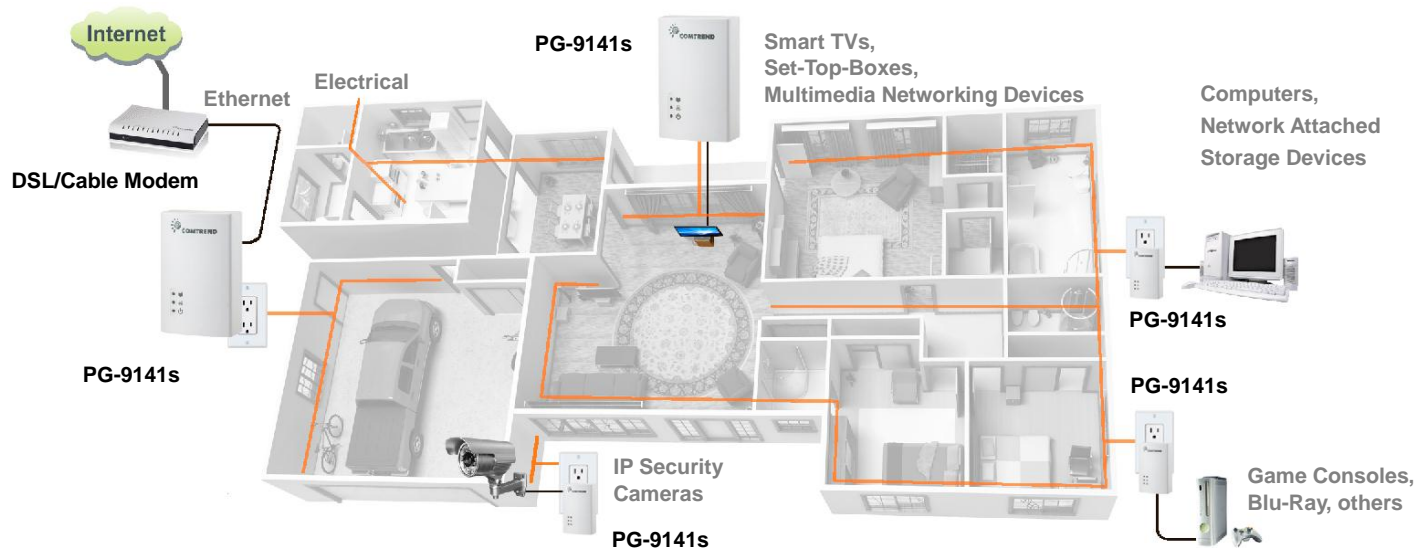- Relative humidity: 8 ~ 95% (non-condensing)

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.

Internet

Ethernet

DSL/Cable Modem

PG-9141s

Electrical

PG-9141s

Smart TVs, Set-Top-Boxes, Multimedia Networking Devices

Computers, Network Attached Storage Devices

PG-9141s

PG-9141s

IP Security Cameras

PG-9141s

Game Consoles, Blu-Ray, others

Intelligent routing and faster speeds with ClearPath™ Technology.

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