COMTREND

G.HN 2000 POWERLINE

Next Generation G.hn Wave 2 Speeds | 1 Gigabit Ethernet Port | Supports TR-069

PG-9182PT

Bring Reliable and Secure Connectivity to Remote Locations.

Comtrend's PG-9182PT is a G.hn Wave 2 Powerline adapter that offers a marked improvement in Powerline performance. Service Providers now have an even better way of delivering video to hard-to-reach locations (i.e. basements, garages, home offices, etc.).

Note: A minimum of 2 adapters are required to make a connection. For optimal performance, we recommend only using Comtrend G.hn Wave 2 within a network.

G.HN WAVE-2

Max. 15A

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NEW Quick Noise Adaptation (QNA) algorithm detects (and avoids) intermittent noise five times faster, resulting in an enhanced video experience for applications such as 4K multicast IPTV.

G.hn Wave 2 provides speeds of up to 2000Mbps PHY rates over the Powerline connection and up to 500Mbps through a single Ethernet port.

Unique Neighboring Interference technology (NDIM) features anti-interference functionality when there are other Powerline adapters (HPAV/G.hn) in neighboring apartments, condos, etc. This allows for consistently delivered high-performance speeds.
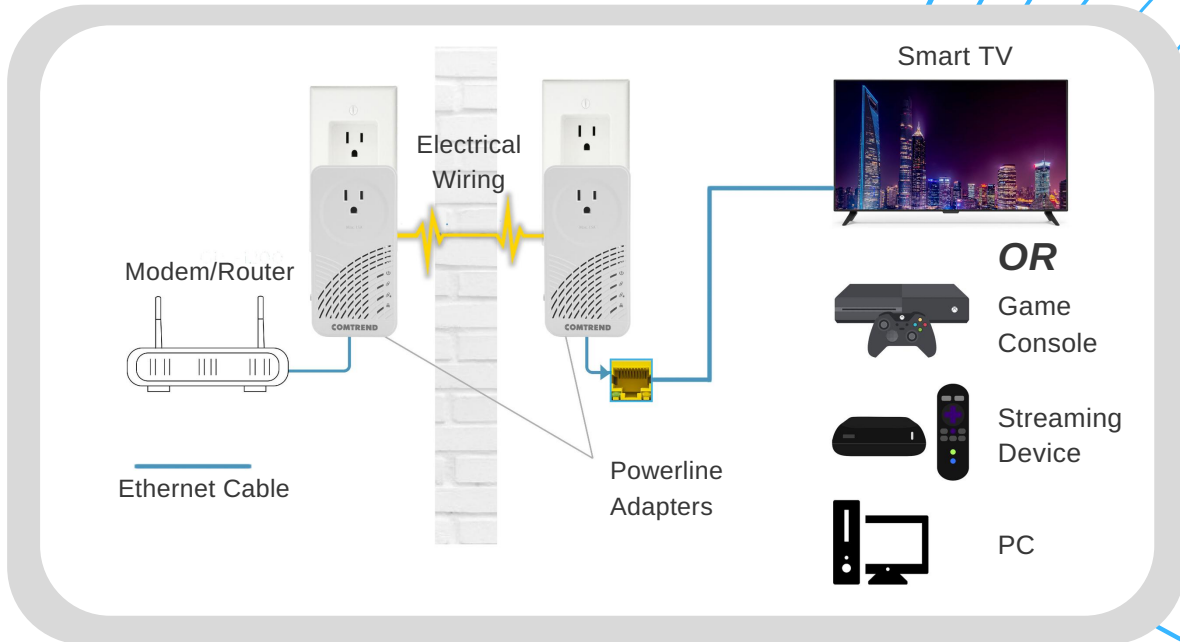
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PG-9182PT

Bring Connectivity to Hard-To-Reach Locations

Smart TV

Modem/Router

Electrical Wiring

OR

Game Console

Streaming Device

PC

Ethernet Cable

Powerline Adapters

Specifications

Interface
RJ-45 X 1
LED Indicators: Power, G.hn, Security (PLC), LAN
Buttons: G.hn pairing, RESET
Ethernet
Standard IEEE 802.3
10/100/1000 Mbps BaseT auto-sense
Auto rate and duplex negotiation
MDI/MDX support
G.hn (PLC)
MaxLinear 88LX5152
G.hn 100MHz MIMO
Up to 2000Mbps Phy rate
NDIM support
Modulations
OFDM, FEC; Flexible frequency configuration
Management
HTTP Web-based
TR-069
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
AC Power
100-240 VAC, 50Hz/60Hz
Environment Condition
Operating temperature: 0 ~ 40 degrees Celsius
Relative humidity: 8 ~ 95% (non-condensing)
Dimensions
5.50in (H) x 2.75in (W) x 1.54in (D, without plug), 2.36in (D, with plug)
140mm (H) x 70mm (W) x 39mm (D, without plug), 60mm (D, with plug)
Certifications
FCC, cUL, CE, ITU-T G.hn Standard
Note: Specifications are subject to change without notice