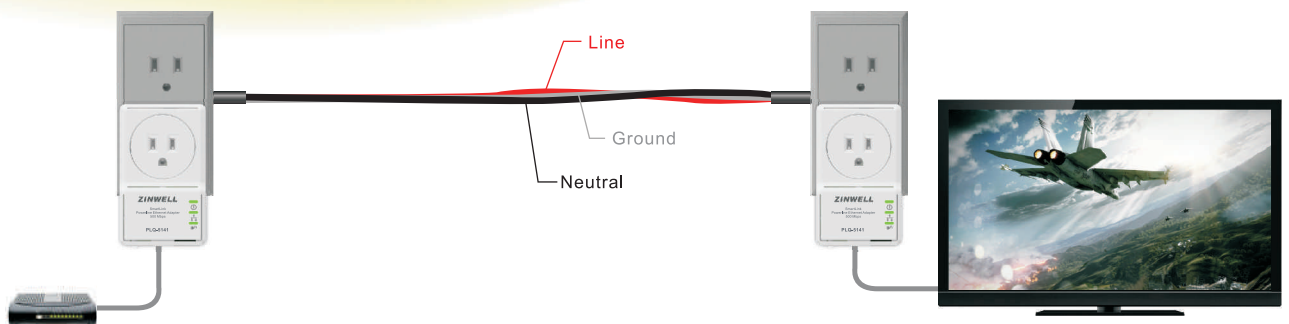


Your HD Streaming Enjoyment is Guaranteed

500 Mbps Powerline Ethernet Adapter

SmartLink



Reliable Performance in The Most Challenging Environment.

With SmartLink technology, the PLQ-5141D ensure the greatest performance even in the most challenging environment.

No Power Outlet is Lost

Thanks to AC Pass-through Socket, you can plug another device into the same power point. The socket also uses noise filtering to ensure your signal is not disrupted by other electrical device.

PLC Network Coverage Extended

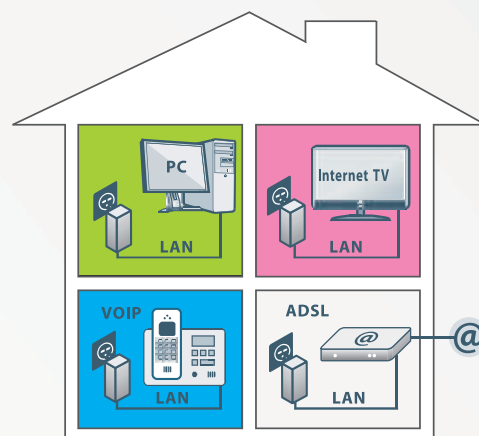
For maximum range, the PLQ-5141D can automatically use the most efficient wires out of three (line, neutral, and ground) for data transmission.

Energy Efficiency


The PLQ-5141 consumes less than 3.5 watts in full mode and by just 0.5 watts in standby mode, making it to meet 2013 ErP regulation.

Benefits

- Support SmarLink technology; enhance the performance by up to 50%.
- Enable best-in-class coverage at worst case outlets.
- AC-Pass through supported with over current protection rated of up to 20A.
- Energy efficiency; consumes less 3.5w in full mode and just 0.5w in standby.
- Compact design fits just about anywhere.



Specifications

		
Model	PLQ-5141	
Chipset	AR7420	
Supported Protocols	LAN: 10/100 Base-TX PLC: HomePlugAV 1.1, IEEE 1901	
Data Transfer Rate (PHY/TCP/UDP)	PHY rate: up to 500 Mbps TCP Rate: up to 94 Mbps UDP Rate: up to 98 Mbps	
SmarLink	Yes	
Frequency Band	2 to 28 MHz, 30 to 68 MHz	
Security encryption	128-bit AES w/ key management	
Ethernet Port	1-port 10/100 Ethernet	
Group/ Reset Button	Yes	
LED	Power, Ethernet Link, PLC Link	
AC Pass-through Built-in	Yes	
Safety Shutter for Child Protection	Yes	
Pass-through Current	16~20 A	
Noise Filter	-30dB to -45dB@2~68MHz	
Operating Temperature	0~40°	
Operating Relative Humidity	10~85% Non-Condensing	
Power Supply	100 ~ 240 VAC 50/60Hz	
Power Consumption	Full-Load < 3.8W	Standby mode < 0.5 W
Electrical Plug Type	Custom	
Dimension (L x W x H)	93x56x40mm	
PLC Modulation	OFDM 4096/1024/256/64/16/8 - QAM, QPSK, BPSK, ROBO Carrier Modulation	
QoS (Quality of Service)	Yes	
Max IGMP based IP TV streams	Up to 16	
Transmission Distance	AC Wiring: up to 300 meters	
Maximum Supported Devices in a network group (Active/Total)	8/16	
Regulation	FCC, CE, CE-CB, RoHS, WEEE, and ErP/EuP	

* Specs subject to change without notice