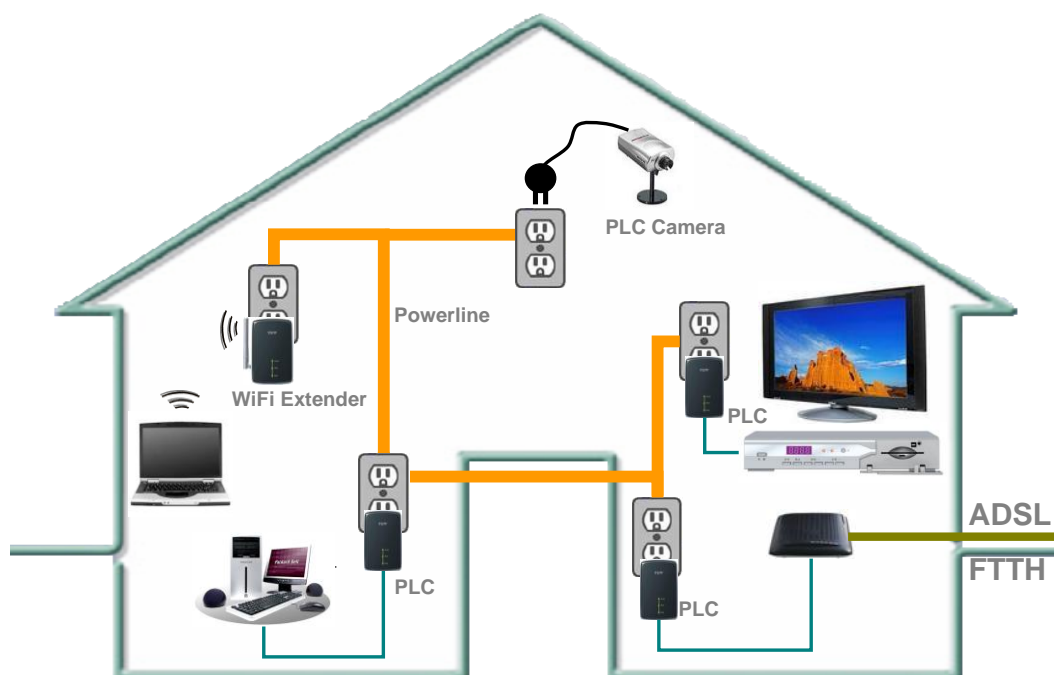# ZISA PL1200

1200Mbps powerline passthrough adapter

Description

1200Mbps powerline passthrough adapter is designed for PHY rate up to 1200Mbps and throughput up to 450Mbps(UDP) across the household power line. The adapter embeds high integrated QCA7500 chipset. The QCA7500 provides a highly integrated multi PHY SoC for the next generation services delivered to home. It provides a compact solution for HomePlug AV2.0 and it also complaints with the IEEE 1901 standard.

Every power socket could become a network connection, so even complicated corners that used to be unreachable with wiring is now able to go online conveniently, which is suitable and secure for use in a wide range of both residential (in-home) and commercial (offices, apartments, hotels, warehouses) network applications.

Applications Diagram

- Shared broadband internet access
- Higher data rate broadband sharing for power line LAN
- Backbone for wireless and wireless extender
- TV over IP (IPTV) and Voice over Internet Protocol (VoIP)
- High Definition (HD) and Standard Definition (SD) video
- distribution
- Video surveillance
- Online Gaming

Functions

Auto-Connect Powerline
Simply plug in the Powerline adapters—all adapters auto-connect out of the box

Sync Button
Press the Sync button to change existing Powerline encryption keys

Pre-Encrypted
For your security the Powerline signal is pre-encrypted

Powerline 500/1000/1200Mbps
High speed Powerline networking over existing electrical lines

Ethernet Ports
Two convenient Ethernet ports to hardwire computers, smart TVs, and other network enabled devices

Cross Compatible
All Powerline adapters work together

Whole Home Coverage
Connects over electrical lines for houses up to 5000 square foot home (300 m/984 ft. linear distance over electrical lines)

Specifications

Chipset	QCA7500+AR8035
Standard	IEEE 1901 and HomePlugAV2 compliant
Peak PHY Rate	1200Mbps (Max)
Peak Throughput	450Mbps UDP
	440Mbps TCP
Range	300m

Modulation Scheme	4096/1024/256/64/16/8-QAM,QPSK,BPSK and ROBO
Frequency	2MHz~67.5MHz
Media Access	CSMA/CA
Max PLC Nodes	8
Max IGMP Streams	4
TR-069 Support	Yes
QoS	Yes
IPv6/MLDv2 Support	Yes
LAN Port	1 RJ45 (IEEE 802.3 10/100/1000Mbps)
LED	Power Ethernet Data
Button	Security/Reset: Set the status of the device members or restore the factory default settings
Outlet current	250VAC 16A Maximum, 125VAC 10A Maximum
Power Supply	100~240 VAC, 50/60Hz
Power Socket	EU, FR, UK, US
Power Consumption	<3.8W Operation <0.5W Standby
Environmental Temperature	0°C~40°C Operation -20°C~70°C Storage
Humidity	10%~90% (non-condensing) Operation 5%~90% (non-condensing) Storage
Operating System (For software Utility)	Windows 2000/XP/Vista/7
Dimention	L×W×H: 120mm*60mm *38 mm
Weight	195g

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Specifications are subject to change without notice.