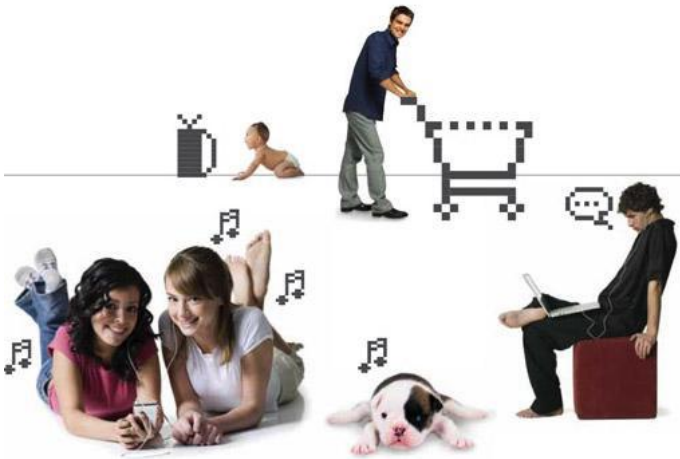


# Mini Wallmount PLC Adapter

## H511A



The ZXHN H511A is a 200Mbps wallmount PLC adapter with a compact design. It provides data transmission over an existing power line without rewiring, to build a high-speed home network for home applications such as video, data, voice and gaming.

### H511A Features:

#### ■ High Speed Data Transmission, Perfect Performance

- Up to 200Mbps, HomePlug AV compliant
- 300 meter transmission distance for home applications
- Fully backward compatible with HomePlug 1.0 nodes and able to coexist with IEEE 1901 devices.



#### ■ Compact Design

- Sleek pure white shell
- Compact size for convenient placement

#### ■ Plug-and-Play with No Configuration Required

- Plug-and-play for immediate use
- No software or new wires needed

#### ■ High Network Security

- Security button allows you to easily build a secure PLC network
- 128-bit AES link encryption for data protection

#### ■ Efficiently Reduces Power Consumption

- Automatically switch to Standby, Idle or Off mode to reduce power consumption
- Up to 75% of electricity consumption saving

## H511A Technical Specifications:

### Hardware Characteristics

- Interface: one RJ-45 Fast Ethernet port
- Buttons:
  - Security
  - Reset
- LED status indicators:
  - Power
  - Ethernet: Ethernet link and activity
  - Data: PLC link and activity

### Security

- 128-bit AES

### QoS

- 4 priorities(2 bits)
- Tag processing (802.1p bits and DSCP bits)

### Electrical Characteristics

- Power input: 100-240 VAC, 50/60Hz
- Power consumption:
  - Less than 2.5W operating
  - 1.21W idle
  - 0.48W standby

### Physical Characteristics

- Net weight: 80g
- Dimensions: 69 (L) x 60 (W) x 29 (H) mm

### Certifications

- CE
- UL
- GS
- RoHS
- WEEE

### Environmental Characteristics

#### Operating Environment

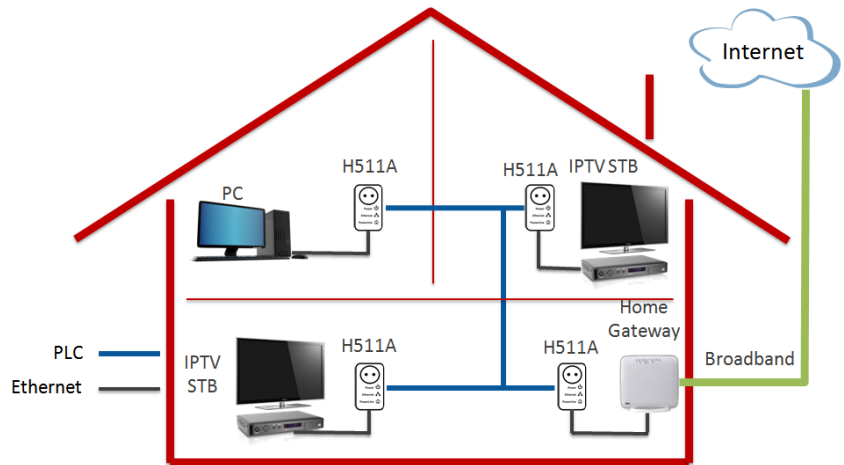
- Temperature: 0°C ~ 40°C (32°F ~ 104°F )
- Humidity: 10% ~ 90% (non-condensing)

#### Storage Environment

- Temperature: -20°C ~ 70°C (-4°F ~ 158°F )
- Humidity: 5% ~ 90% (non-condensing)

## H511A Application Diagrams:

### Scenario 1 – Home Network without New Wires



### Scenario 2 – For 1+1 Deployment

