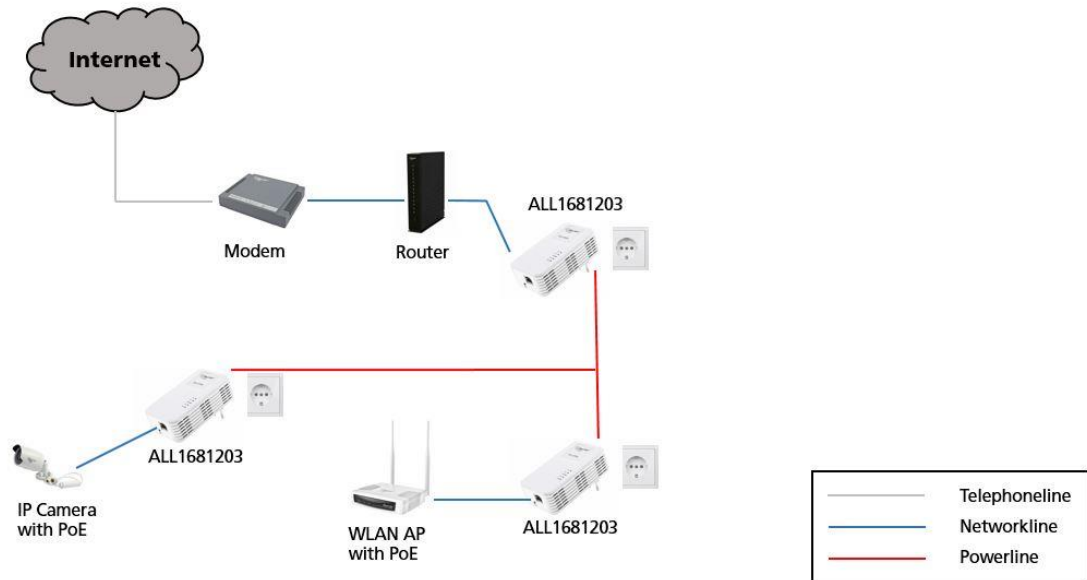# ALL1681203

## 1200 Mbit Powerline with PoE+ and Smartlink
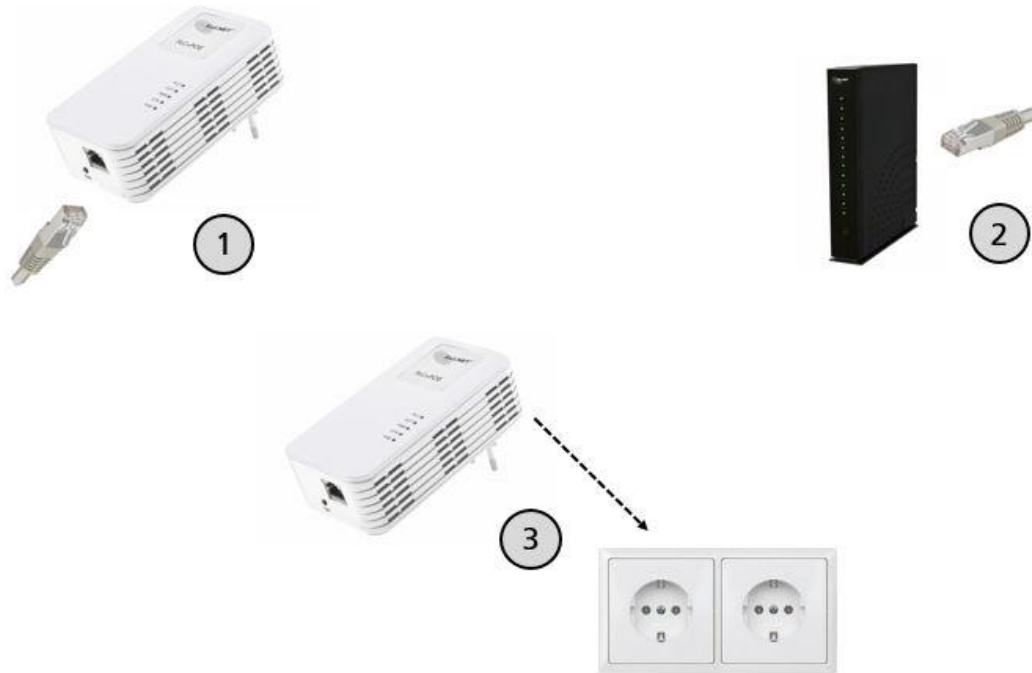


# USER MANUAL

# 1. Network topology



Do not plug the powerline adapter ALL1681203 into a surge protector or power strip as they interfere with the devices. Surge protectors are built-in to the powerline adapter and powerline adapter with PoE injector to protect the devices.
The powerline adapter must be plugged directly into your wall outlet !

# 2. Installation

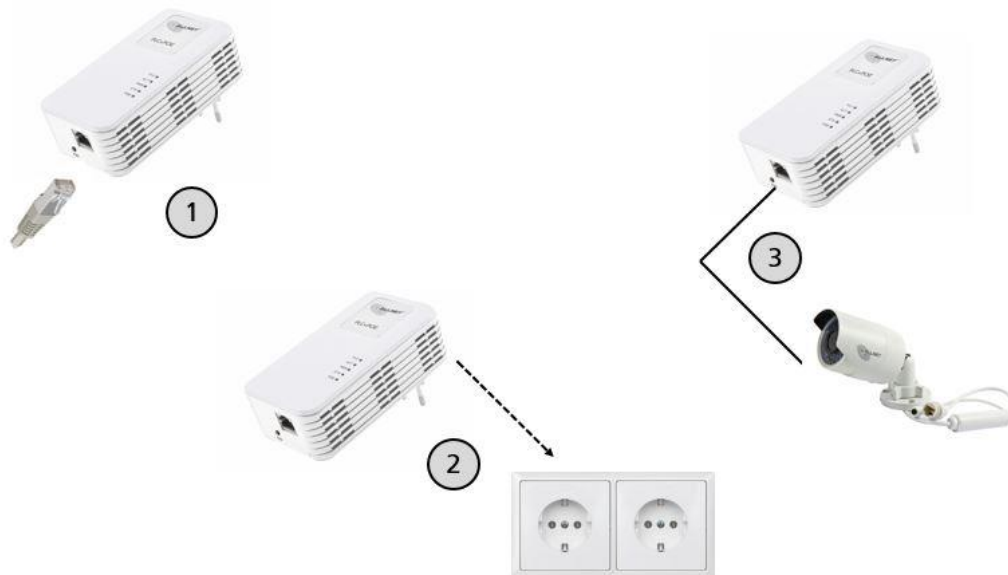### a. Plug in the powerline adapter

**Note:**

The powerline adapter is not designed for outdoor-use and must be installed indoors.

1. Plug one end of the network cable to the powerline adapter.
2. Plug the other end of the network cable to the router.
3. Plug the powerline adapter into the power outlet.

### b. Plug in powerline adapter with POE



**Caution:**

**Avoid direct sunlight. If left in sunlight, surface may be too hot to touch.**

1. Plug one end of the network cable to the port of the ALL1681203.
2. Plug the ALL1681203 into the power outlet.
3. Plug the other end of the network cable to the POE power supply equipment. (eg. PoE IP Camera)

## 3. LEDs

**Status description:**

| PLC | ON | Powerline connection established |
|---|---|---|
| | OFF | No powerline connection |
| ACT | ON | No data transmission |
| | BLINKING | Data transmission |
| PWR | ON | Power on |
| | OFF | Power off |
| | BLINKING | Pair-mode |
| ETH | ON | Network connection established |
| | OFF | No network connection |
| | BLINKING | Data transmission |
| PoE | ON | PoE on (PoE device is connected successfully) |
| | OFF | PoE off (no PoE device is connected) |

## 4. Build the private network

a. **Press the Pair button (see image below) for 1-3 seconds of the powerline adapter A. The PWR-LED will start blinking.**



b. **In 2 minutes, press the Pair button (see image above) for 1-3 seconds of powerline adapter B. The PWR-LED will start blinking.**
c. **When the third powerline adapter need to join the network, press the pair button of A or B for 1-3 seconds and then press the pair button of C for 1-3 seconds.**

**Note:**

**If you want to remove one adapter from the network, please press the Pair button for 5-10 seconds. It will automatically leave the network.**

 **Safety Warnings**

For your safety, be sure to read and follow all warning notices and instructions.

- Do not open the device. Opening or removing the device cover can expose you to dangerous high voltage points or other risks. Only qualified service personnel can service the device. Please contact your vendor for further information.

- Do not use your device during a thunderstorm. There may be a risk of electric shock brought about by lightning.

- Do not expose your device to dust or corrosive liquids.

- Do not use this product near water sources.

- Make sure to connect the cables to the correct ports.

- Do not obstruct the ventilation slots on the device.

ALLNET GmbH Computersysteme declares that the device **ALL1681203** is in compliance with the essential requirements and other relevant provisions of Directive 2004/108/EC or 2014/30/EU. The Declaration of conformity can be found under this link:
www.allnet.de/downloads.html

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