



# POE101

## Power Over Ethernet Adapters

### Connectivity, Power, Ethernet – Right Where You Need It

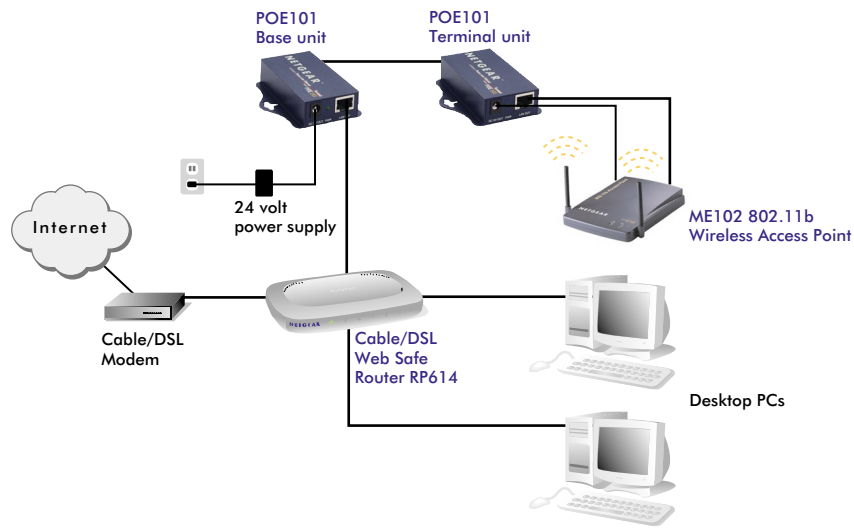
- *Help is there when you need it! NETGEAR provides 24x7 telephone and e-mail technical support in English, with selected local language support during office hours.*

- Get power for your NETGEAR 802.11b Access Point where you need it! NETGEAR's Power Over Ethernet Adapters make it easy for you to extend the reach of your wireless local network. They provide an ideal way to locate an access point in a building ceiling or attic for optimal radio coverage – closer to an antenna – without requiring a nearby AC power outlet. Consisting of a base unit and a terminal unit, this useful set of adapters can extend the placement of a wireless access point by up to 328 feet (100 meters) using standard Category 5 Ethernet cable. At the same time, the adapters protect the access point or other device from potential power surge damage.

**Far- Reaching** ● Gives you the freedom to mount your wireless access points or other devices virtually anywhere inside your building, including areas where you may not have power and/or Ethernet access, so you can make the most of your wireless or Ethernet network. Supports distances up to 328 feet.

**Protective** ● Reduces signal loss through an antenna cable and eliminates the threat of power surge damage to your connected devices.

**Unfailing** ● Thorough testing ensures quality and dependable operability, which NETGEAR backs up with a 2-year warranty.



### Technical Specifications

- **POE Base unit:**
  - Power input: 24V DC
  - 10/100 Mb LAN IN
  - 10/100 Mb LAN OUT with 24V DC power
- **POE Terminal unit:**
  - Power output: 5V DC 2.5A max.
  - 10/100 Mb LAN IN with 24V DC power
  - 10/100 Mb LAN OUT
- **AC power adapter:**
  - Input: 100-240V AC 0.85A 50-60 Hz
  - Output: 24V DC 1.5A
- **Cables:**
  - Ethernet cable with RJ-45 connectors for terminal to access point
  - DC power cable for terminal unit to NETGEAR ME102 (North American version)
  - DC power cable for terminal unit to all other NETGEAR 5V DC powered devices
  - Localized AC power cable for wall to power adapter
- **Physical Dimensions:**
  - Base and Terminal units: 3-1/8" (8.0 cm) x 3-1/16" (7.8 cm) x 13/16" (5.0 cm)
  - Power adapter: 3-3/4" (9.6 cm) x 1-5/8" (4.15 cm) x 1-1/8" (2.9 cm)

- **Weight:**
  - Base unit: 2.4 oz (68 grams)
  - Terminal unit: 2.7 oz (76 grams)
  - Power adapter: 5.4 oz (153 grams)

- **Warranty:**
  - 2 year limited warranty (GE)
  - 1 year limited warranty (NA)

### System Requirements

- Two straight through Ethernet cables, not included with the NETGEAR POE101:
  - One short cable from an Ethernet hub or switch to the POE101 base unit
  - One long cable (up to 328 feet) for connecting from base unit to a terminal unit
- One 5V DC powered NETGEAR Access Point (one set of POE101 Adapters per Access Point is required)

### Package Contents

- Power over Ethernet base unit
- Power over Ethernet terminal unit
- Installation guide
- Localized AC power cable
- 100-240 V AC to 24V DC 30W power adapter
- Two 2-foot DC power cables
- One 2-foot Ethernet cable
- Wall mount kit
- Warranty card
- Support information card

### Related Products

- ME102 802.11b Wireless Access Point

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