The Model GC102 Gigabit Ethernet Converter has the following features:

- **Fiber Gigabit Ethernet Port**
- **Copper Gigabit Ethernet Port**

**Features**

- **Easy plug-and-play installation** with no software to configure, which saves time and minimizes the potential for configuration errors.

**Note:**

- The user may be required to take appropriate measures.

- This is a Class A product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures to correct the interference.

**Applications**

The Model GC102 Gigabit Ethernet Converter is designed to provide flexibility for your network design. Consumer can select a fiber adapter in which way to adjust for straight-through or crossover cables. Easy plug-and-play installation with no software to configure, which saves time and minimizes the potential for configuration errors.

**Certification of the Manufacturer**

- This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

**Note:**

- Although the examples illustrate specific NETGEAR solutions, any solution can be used in the network at the direction of the customer.

This installation guide describes how to install and use the Model GC102 Gigabit Ethernet Media Converter.

**Eléments du support**

- Information Card and Support Registration Card,
- Warranty & Owner’s Manual,
- Installation guide,
- Installation kit

**PACKAGE CONTENTS**

- Main unit (Model: GC102 Converter)
- Wall mounting kit
- Warranty & Owner’s Manual Card
- Support Registration Card
- Power adapter
- Mounting screw

**PRODUCT ILLUSTRATION**

**Gigabit Ethernet Converter**

- LNK (Link) Green
- ACT (Activity) Green
- LNK (Link) Green (right side of the panel) and ACT (Activity) Green (right side of the panel)

**PACKAGE CONTENTS**

- Main unit (Model: GC102 Converter)
- Wall mounting kit
- Warranty & Owner’s Manual Card
- Support Registration Card
- Power adapter
- Mounting screw

**PRODUCT ILLUSTRATION**

- Copper Gigabit Ethernet Port
- Fiber Gigabit Ethernet Port
- Wall mounting kit
- Warranty & Owner’s Manual Card
- Support Registration Card
- Power adapter
- Mounting screw

**FEATURES**

- Easy plug-and-play installation with no software to configure, which saves time and minimizes the potential for configuration errors.

**Certification of the Manufacturer**

- This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

**Note:**

- Although the examples illustrate specific NETGEAR solutions, any solution can be used in the network at the direction of the customer.
Refer to the table in the "LEDs" section for information about the LEDs and their activity.

The green PWR (Power) LED on the front panel is on. The green LNK LED on each connected port is on.

When power has been applied to the Converter:

1. Connect the devices to the RJ-45 port on the converter, using Category 5 UTP cable and an RJ-45 plug.
2. Connect the device to the SC port on the converter, using multimode fiber cable and an SC connector.
3. Connect one end of the power adapter cable to the wall outlet. Verify that the power adapter is polarized.

To connect the converter:

1. Connect the devices to the RJ-45 port on the converter, using Category 5 UTP cable and an RJ-45 plug.
2. Connect the device to the SC port on the converter, using multimode fiber cable and an SC connector.
3. Connect one end of the power adapter cable to the wall outlet. Verify that the power adapter is polarized.

INSTALL THE CONVERTER

To install your converter on a wall, you do not need any special tools. Be sure the converter is positioned with at least 2 inches of space on all sides for ventilation.

To install the converter on a wall, measure the distance between the mounting holes on the back of the converter and mark the wall to match the location of the mounting holes on the converter. At the marks, screw into the wall the two screws that will hold the converter. After the screws are in place, hang the converter on the screws.

To install the converter on a flat surface, you do not need any special tools. Be sure the converter is positioned with at least 2 inches of space on all sides for ventilation.

CONNECT DEVICES TO THE CONVERTER

Before connecting the converter, be sure to review the following information:

- Make sure the proper cable is installed, and check for intermittent connections.
- Make sure the network adapter card is 1000 Mbps capable.
- Make sure the network adapter card is 1000 Mbps capable and that the 1000 Mbps LED and Link LEDs are on at the network adapter card in the PC.
- Make sure the PC is working. Verify that the network adapter card is 1000 Mbps capable and that the 1000 Mbps LED and Link LEDs are on at the network adapter card in the PC.
- Make sure the network adapter card installed in the PC is working. Verify that the network adapter card is 1000 Mbps capable and that the 1000 Mbps LED and Link LEDs are on at the network adapter card in the PC.
- Make sure the network adapter card installed in the PC is working. Verify that the network adapter card is 1000 Mbps capable and that the 1000 Mbps LED and Link LEDs are on at the network adapter card in the PC.

VERIFY INSTALLATION

When power has been applied to the Converter:

- Make sure the PWR (Power) LED on the front panel is on.
- Make sure the LNK LED on each connected port is on.
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