genexis

FiberBox
XGS2110
Installation Guide

PLEASE READ THIS PRODUCT GUIDE AND SAFETY INSTRUCTIONS BEFORE INSTALLING OR USE OF THE PRODUCT. AS RECIPIENT OF THE PRODUCT, YOU ARE RESPONSIBLE TO GET FAMILIAR WITH THE PRODUCT GUIDE AND SAFETY INSTRUTIONS BEFORE USING THE PRODUCT. CONTACT YOUR SERVICE PROVIDER IN CASE OF ANY QUESTIONS.

Installation guide

Box contents
- Genexis FiberBox
- Power adapter
- Labels (self-adhesive)

Label position
The product label is positioned on the back of the device.

Preparation
Ensure there is a power socket within reach of where the device is being installed.

> **Important:**
> Instructions need to be followed precisely and uninterrupted. This minimizes the risk of damage to the fiber optic connectors, causing a severe degradation of signal quality.

Placement
The product supports two placement options; desk placement and mounted to a wall. It is recommended to place the device 'away' from obstacles and objects.

Desk placement
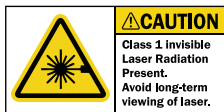1. Place the device horizontally on a flat surface.

Wall mount
1. Download and print the drilling template from https://genexis-broadband.com/products/fiberbox/downloads
2. Use the drilling template to drill holes, insert plugs and put screws into place.
3. Use the wall mount points on the back of the FiberBox to mount the device to the screws.
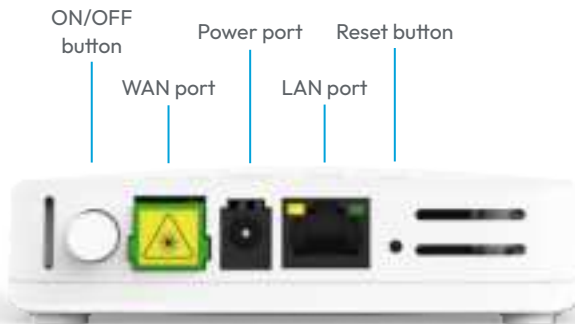
Connecting the FiberBox

1. Open the green shutter from the WAN port, insert the fiber patch cable from your fiber outlet into the WAN port.
2. Connect your gateway to the LAN (10GE) port via an RJ45 network cable. A CAT6 cable or better is recommended.
3. Connect the supplied power adapter to the FiberBox and plug the adapter into a power socket.
4. Press the ON/OFF button to power on the device.

Warning: This product contains a laser that emits invisible light. It is a Class 1 Consumer Laser product according to EN 50689:2021. However, it is still advised to not look directly into the fiber connector when the product is powered on.

⚠️ **CAUTION**
Class 1 invisible Laser Radiation Present. Avoid long-term viewing of laser.

Warning: Do not cover the device, this will interfere with the ventilation.
Ambient Operating Temperature: 32°F ~ 104°F

Port overview

ON/OFF button
WAN port
Power port
LAN port
Reset button

ON/OFF button
Power ON or OFF – press and release to switch device ON or OFF

Reset button (recessed)
Reset - press and release
Factory reset - press and hold the button until System and Uplink LED start to blink

LED overview

System
Green – system ok
Green (blinking) – booting
Red - system or boot failure
Red (blinking) - insufficient PON signal
Off – power off

Uplink
Green – link ok
Green (blinking) – link establishing
Off – no link

System + Uplink
Green (blinking) – firmware upgrade

⚠️ Safety guidelines

Use the following safety guidelines to ensure your own personal safety and to help protect your product from potential damage. To the extent permissible by applicable law, failure to follow these guidelines could result in damage to your product, which might not be covered by Genexis warranty.

To reduce the risk of injury, electrical shock, and fire observe the following precautions:
• Operate the product only from the type of external power source indicated on the electrical label of the power supply.
• Use only the power adapter supplied with the product. In case of malfunctioning contact your service provider for replacement.
• The electrical socket-outlet should be easily accessible to contain the power adapter. The plug must be fully inserted in the electrical socket-outlet with no part of the blades exposed.
• Observe extension cords and power strip ratings. Make sure that the total ampere rating of all products plugged into the extension cord or power strip does not exceed 80 percent of the ampere ratings limit for the extension cord or power strip. Check the extension cords and power strips regularly. If they are damaged, replace them immediately.
• Do not push any unintended objects into the openings of your product. Doing so can cause fire or electrical shock by shorting out interior components.
• Do not open or try to open the product. Opening or removing the covers can expose you to electrical shock. Genexis recommends that only a trained

technician services components inside these compartments.

- Do not install or use the product during a lightning- or thunderstorm. There is a remote risk of electric shock from lightning.
- This product contains a Class 1 laser that emits invisible light. Do not look directly into the optical port without any eye protection when powered on.

To reduce potential damage to the equipment, observe the following recommendations:

- This product is designed for indoor use only in a temperature controlled (32-104°F) and humidity-controlled (5-95% relative humidity) environment.
- Do not service any product but contact your service provider.
- When placed vertically mount the product stable to a flat surface using applicable screws and plugs. Do not place any objects on top of the product which may damage the product.
- Place the product and cables out of reach of pets. They could damage them and cause injury or electrocuting.
- If any of the following conditions occur, unplug the product from the electrical outlet and replace the part or contact your service provider:
  › The power adapter or power cable is damaged.
  › The network cable or optical cable is damaged.
  › An object fell onto the product.
  › The product was exposed to water.
  › The product was dropped or damaged.
  › The product does not operate correctly when you follow the operating instructions.

- Keep your product away from radiators and heating sources and do not block cooling vents. Prevent installing the product in direct sunlight. Blocking the ventilation holes may cause fire due to overheating.
- Do not spill food or liquids on your product, and never operate the product in a wet or steam environment. Do not touch the product or its power adapter with wet hands. If the products gets wet, unplug the product from the electrical outlet and contact your service provider. Any liquid could have damaged interior components causing a shortcut in the product.
- Do not use liquid, aerosol cleaners or any harsh chemicals to clean the product. Unplug the product and use a soft, dry cloth for cleaning the product.
- Position power cables, network cables and optical cables carefully. Route cables so that they cannot be stepped on or tripped over. Be sure that nothing rests on any cables.
- When connecting an electronic device to the product, make sure to use the recommended network cable and connect the device to the right port of the product. Incorrect connections may damage the device and/or the product.

Supplier's Declaration of Conformity

47 CF $ 2.1077 Compliance Information

Responsible Party – U.S. Contact Information

Genexis Broadband, LLC 228 E 45th St, Ste 9E, New York, NY 10017

info.na@genexis-broadband.com

FCC Compliance Statement

The FiberBox-XGS2110-US-1 has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

At Genexis, we strive for a more sustainable future with our devices.

80%
recycled plastics used in this device.

Energy-efficient
to save both energy and costs for you.

Designed to last
for a second life if treated carefully.

Something you can do!