GRANDSTREAM
CONNECTING THE WORLD

GWN7001 & GWN7002 & GWN7003

Multi-WAN Gigabit VPN Router
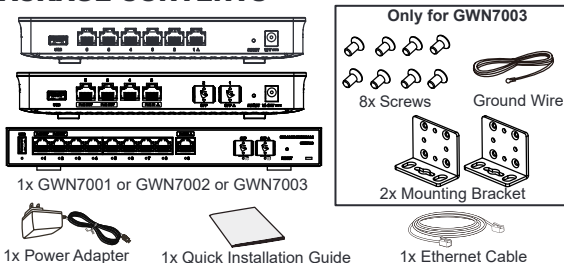
Quick Installation Guide

Content

OVERVIEW

GWN7001/7002/7003 are Multi-WAN Gigabit VPN routers with built-in firewalls that allow businesses to build comprehensive wired, wireless and VPN networks for one or many locations. They offer high-performance routing and switching power along with built-in VPN support for secure in-office and inter-office connectivity. To provide enterprise-grade security protection and ensure stable network operation,the GWN 7001/7002/7003 features a built-in firewall with advanced content security, filtering, threat detection, attack prevention and more. To maximize network reliability, they support traffic load balancing, failover and bandwidth management capabilities. The GWN7001 includes 6 Gigabit ethernet ports.The GWN7002/7003 include 2 Gigabit SFP ports, 4/9 Gigabit ethernet ports, and 2 PoE output ports that allow them to provide power to other endpoints. These routers can manage themselves and up to 150 Grandstream GWN Series Wi-Fi APs thanks to an embedded controller located in the products' web user interface. These routers can also be managed with GWN.Cloud and GWN Manager, Grandstream's free cloud and on-premise network management tools. By providing high-performance routing, VPN support, powerful security protection and easy-to-use network management tools, the GWN Gigabit VPN routers are ideal for a wide variety of deployments including small-to-medium businesses, retail, education, hospitality, healthcare and more.
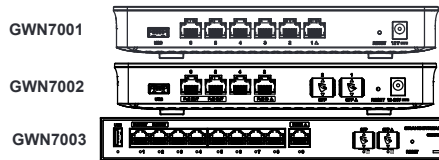
PRECAUTIONS

- Do not attempt to open, disassemble, or modify the device.
- Do not expose this device to temperature outside range of 0 °C to 40 °C for operation and -30 °C to 60 °C for storage.
- Do not expose the device to environments outside of the following humidity range: 10-90% RH (non-condensing).
- Do not power cycle the device during system boot up or firmware upgrade. You may corrupt firmware images and cause the unit to malfunction.

PACKAGE CONTENTS

1x GWN7001 or GWN7002 or GWN7003

1x Power Adapter

1x Quick Installation Guide

1x Ethernet Cable

Only for GWN7003

8x Screws

Ground Wire

2x Mounting Bracket

GWN7001/7002/7003 PORTS

GWN7001

GWN7002

GWN7003

No.	Port	Description
1	PoE OUT / PoE IN △	**GWN7001:** 6x Gigabit Ethernet ports **GWN7002:** 4x Gigabit Ethernet ports **GWN7003:** 9x Gigabit Ethernet ports *Note: All ports support WAN/LAN configurable.* *The Gigabit Ethernet ports include 2 x PoE OUT ports and 1 x PoE IN port (GWN7002/7003 only).*
2	SFP △	2 x Gigabit SFP ports (GWN7002/7003 only).
3	USB	USB 2.0 port
4		**GWN7001:** Power adapter connector (DC 12V, 1A) **GWN7002:** Power adapter connector (DC 24V, 1A) **GWN7003:** Power adapter connector (DC 24V, 1A)
5	⏚	Grounding terminal (GWN7003 only).
6	RESET	Factory Reset pinhole. Press for 5 seconds to reset factory default settings

Note: Ports with this symbol △ are configured to be used as a WAN port by default at the factory.

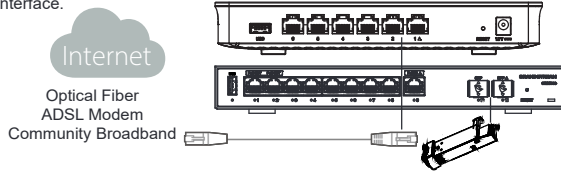## CONNECTING THE GWN7001/7002/7003

1. Power the GWN7001/7002/7003

GWN7001/7002/7003 can be powered on using the right PSU or PoE (IEEE 802.3af/at) only for GWN7002/7003.
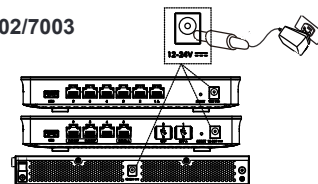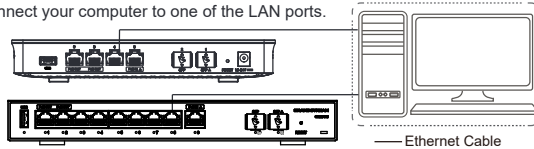
2. Connect to the Internet

Connect the LAN/WAN or SFP/WAN (GWN7002/7003 only) port to an optical fiber broadband modem, ADSL broadband modem or community broadband interface.


Optical Fiber
ADSL Modem
Community Broadband

3. Connect to GWN7001/7002/7003 Network

Connect your computer to one of the LAN ports.

—— Ethernet Cable

INSTALLATION

Mounting GWN7001/7002 to the Wall

1. Using a drill, make two holes in the wall with 135.0mm spacing, 6.0mm diameter. Put a plastic anchor and screw (not provided) on each hole.

2. Mount the GWN7001/7002 router on the mounting screws.

Plastic anchor

Screw

Bottom of the
GWN7001/GWN7002
Router
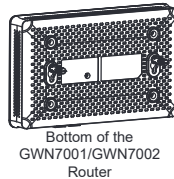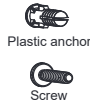
Mounting GWN7003 to the Wall

1. Use the provided screws to fix the two L-shaped Mounting bracket (rotated 90°) on both sides of the GWN7003 router.

2. Stick the router port up and horizontally on the selected wall, mark the position of the screw hole on the L-shaped mounting brackets with a marker. Then, drill a hole at the marked position with an impact drill, and drill the plastic anchors (prepared by yourself) into the drilled hole in the wall.

Plastic anchor

Screw

Front of the GWN7003 Router

3. Use a screwdriver to tighten the screws (prepared by yourself) that have passed through the L-shaped mounting brackets to ensure that the GWN7003 router is firmly installed on the wall.

Grounding GWN7003

1. Remove the ground screw from the back of the router, and connect one end of the ground cable to the wiring terminal of the router.

2. Put the ground screw back into the screw hole, and tighten it with a screwdriver.

Ground Wire

3. Connect the other end of the ground cable to other device that has been grounded or directly to the terminal of the ground bar in the equipment room.
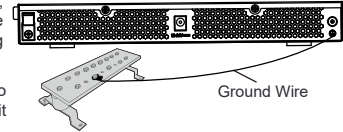
ACCESSING THE CONFIGURATION INTERFACE

Now that you are connected to the GWN7001/GWN7002/GWN7003's LAN port with network cable, you can access into its configuration interface with: myrouter.grandstream.com or default IP address (192.168.80.1), then enter the password to login.

Note: *GWN7001/GWN7002/GWN7003's default password information is printed on the MAC tag at the bottom of the unit.*

To manage GWN7001/GWN7002/GWN7003 over cloud, please refer to https://www.gwn.cloud.

Refer to online documents and FAQ for more detailed information:
https://www.grandstream.com/our-products