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GWN7001 & GWN7002 & GWN7003

Multi-WAN Gigabit VPN Router

Quick Installation Guide



For Certification, Warranty and RMA information, please visit www.grandstream.com

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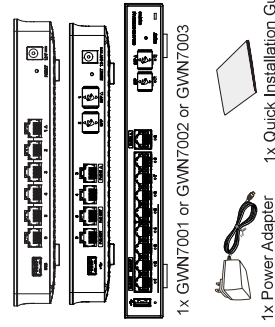
OVERVIEW

The GWN7001/7002/7003 is a powerful enterprise-grade Gigabit Multi-WAN firewall router including 2 SFP ports for the GWN7002/7003 and multiple Gigabit RJ45 ports that provide a comprehensive VPN solution in one and multiple scenarios. As a high-performance and dynamic firewall product, it supports DPI in-depth security detection and content security including URL filtering, DNS filtering, web content filtering, safe search, application identification, traffic statistics, and other comprehensive attack protection, which can effectively ensure continuous and stable operation of enterprise core applications and services, and ensure enterprise management administrators can better monitor and manage network traffic. GWN7001/7002/7003 integrates a series of rich functions, including NAT, firewall, VPN, load balancing, and bandwidth management capabilities. As a fanless PoE router, GWN7002/7003 can be powered by an external power adapter or IEEE 802.3af/at PoE Input, and 2x GBE ports can support 48V Passive or Active (IEEE802.3af) PoE Output. It is also supported by GWN Cloud and GWN Manager, Grandstream's free cloud and on-premise network management platform makes managing your network or several networks across multiple locations easier than ever before. Ideal for the enterprise retail, education, hospitality, and medical markets.

PRECAUTIONS

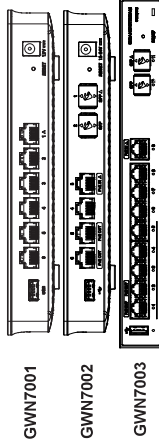
- Do not attempt to open, disassemble, or modify the device.
- Do not expose this device to temperature outside range of 0 °C to 40 °C for operation and -30 °C to 60 °C for storage.
- Do not expose the device to environments outside of the following humidity range: 10-90% RH (non-condensing).
- Do not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







PACKAGE CONTENTS



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GWN7001/7002/7003 PORTS



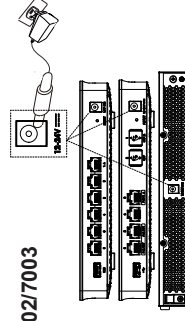
No.	Port	Description
1	 PoE IN 	GWN7001: 6x Gigabit Ethernet ports GWN7002: 4x Gigabit Ethernet ports GWN7003: 8x Gigabit Ethernet ports <i>Note: All ports support WAN/LAN configurable. The Gigabit Ethernet ports include 2 x PoE OUT ports and 1 x PoE IN port (GWN7002/7003 only).</i>
2		2 x Gigabit SFP ports (GWN7002/7003 only).
3		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		Lightning protection grounding post (GWN7003 only).
6		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

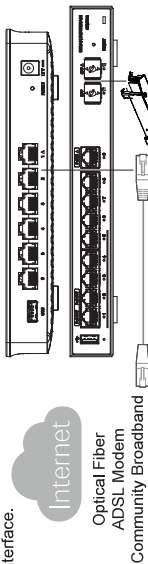
GWN7001/7002/7003 can be powered on using the right PSU or PoE (IEEE 802.3af/at) only for GWN7002/7003.



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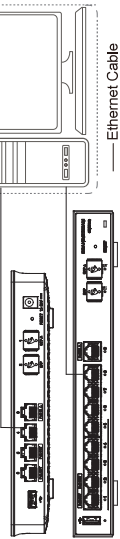
2. Connect to the Internet

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



3. Connect to GWN7001/7002/7003 Network

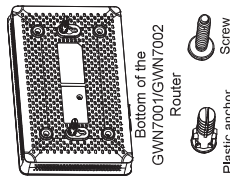
Connect your computer to one of the LAN ports.



INSTALLATION

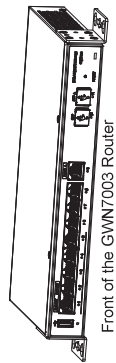
Mounting GWN7001/7002 to the Wall

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



Mounting GWN7003 to the Wall

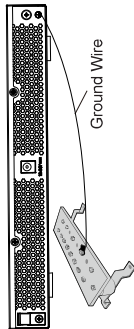
- Use the provided screws to fix the two L-shaped mounting bracket (rotated 90°) on both sides of the GWN7003 router.
- Stick the router port up and horizontally on the selected wall, mark the position of the screw hole on the L-shaped mounting brackets with a marker. Then, drill a hole at the marked position with an impact drill, and drill the plastic anchors (prepared by yourself) into the drilled hole in the wall.



- 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

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

The GNU GPL license terms are incorporated into the device firmware and can be accessed via the Web user interface of the device at `my_device_ip/gpl_license`. It can also be accessed here: <https://www.grandstream.com/legal/open-source-software>. To obtain a CD with GPL source code information please submit a written request to: info@grandstream.com

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

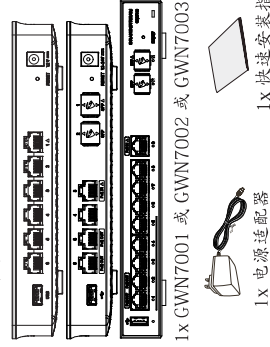
概述

GWN7001/7002/7003作为一款功能强大的企业级千兆WAN口防火墙路由器，包含2个SFP端口，对于 GWN7002/7003 和多个千兆以太网端口，可为企业在多个场景下提供全面的VPN解决方案。作为一款高性能防火墙产品，支持DPI深度安全检测和内容安全，包括URL过滤、DNS过滤、Web内容过滤、安全搜索、应用识别、流量统计等全面的攻击防护，可以有效保证企业核心应用和服务的持续稳定运行，同时确保企业管理员能够更好地监控和管理网络流量。GWN7001/7002/7003集成了系列丰富的功能，包括NAT、防火墙、VPN、负载均衡和带宽管理功能。作为一款无风扇 PoE 路由器，GWN7002/7003 支持外部电源适配器或 IEEE 802.3af/at 标准PoE 供电，2 个千兆以太网端口可支持 48V PoE电源输出。GWN7002/7003同时支持GWN.Cloud和GWN Manager以实现大规模的部署管理，是企业、教育行业、酒店和医疗市场的理想选择。

注意事项

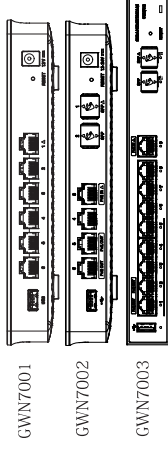
- 不要尝试打开、拆解或修改设备。
- 不要将本设备暴露在温度超出 0°C至40°C的工作环境或超出-30°C至 60°C的储存环境。
- 不要将本设备暴露在环境温度如下范围以外：10-90%RH（无冷凝）
- 系统启动或固件升级期间不要中断电源。这可能会损坏设备固件，并导致设备故障。

包装清单



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GWN7001/7002/7003 端口



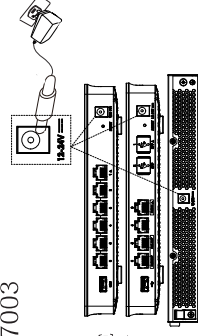
序号	端口	描述
1		GWN7001: 6 x 千兆以太网端口 GWN7002: 4 x 千兆以太网端口 GWN7003: 9 x 千兆以太网端口 注意：所有端口都支持WAN/LAN自定义配置。 千兆以太网端口中包含2个PoE OUT端口和1个PoE IN端口（仅限 GWN7002/7003）。
2		2 x 千兆SFP口（仅限 GWN7002/7003）。
3		USB 2.0 端口
4		GWN7001: 电源适配器 (DC 12V, 1A) GWN7002: 电源适配器 (DC 24V, 1A) GWN7003: 电源适配器 (DC 24V, 1A)
5		防雷接地柱（仅限 GWN7003）。
6		恢复出厂设置按钮 按5秒恢复出厂默认设置

注意：在设备出厂时，带有△标识的端口将默认作为WAN口使用

连接GWN7001/7002/7003

1. 连接电源

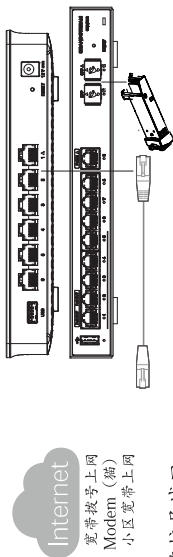
GWN7001/7002/7003使用右侧电源适配器供电 或 PoE (IEEE 802.3af/at) 仅适用于 GWN7002/7003。



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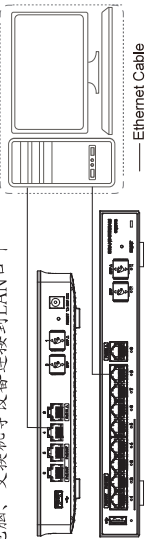
2. 连接网络

将LAN/WAN 或者 SFP/WAN口(对于 GWN 7002/7003), 用于连接光纤宽带 Modem (光猫)、ADSL宽带Modem (A猫) 或者小区宽带接口



3. 连接局域网

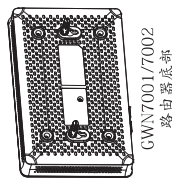
将电脑、交换机等设备连接到LAN口下



设备安装

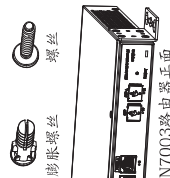
将GWN7001/7002安装在墙上

1. 使用钻头, 在墙壁上打两个间距为135.0mm, 直径为6.0mm的孔。在每个孔中放入膨胀螺丝和螺丝 (此部分配件不提供)
2. 将GWN7001/7002路由器装入挂墙的螺丝模组中



将GWN7003安装在墙上

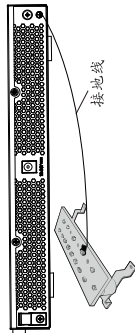
1. 使用产品中提供的螺丝将两个 L 形安装支架 (旋转 90°) 固定在 GWN7003 路由器的两侧。
2. 将路由器端口向上并水平固定。需要在安装墙面上, 用记号笔标记 L 形安装支架上螺丝孔的位置。然后, 用冲击钻在标记位置钻孔, 再将膨胀螺栓(请自备) 打入墙上的钻孔中。



3. 使用螺丝刀拧紧L形安装支架上的螺丝 (需自备), 以确保GWN7003路由器牢固地安装在墙上。

接地 GWN7003

1. 从路由器的背面卸下接地孔连接螺丝。将接地线的一端连接到路由器的接地孔上。
2. 将接地螺丝重新安装回螺丝孔内, 用螺丝刀拧紧接地螺丝。
3. 将接地线的另一端连接到已进行接地保护的其他设备或直接连接到机房接地排的接线柱上。



访问您的 GWN7001/7002/7003

连接到GWN7001/7002/7003LAN口, 可以通过访问: mrouter.grandstream.com 或者默认IP地址: 192.168.80.1访问 GWN7001/7002/7003 的配置页面

注意: 输入管理页密码进入管理界面。(管理页默认密码为随机值, 写在 GWN7001/7002/7003 底部的MAC贴上)



请在<https://www.gwn.cloud>进行GWN7001/7002/7003的云管理。

GNU GPL许可证已包含在设备固件中, 您可以通过设备的Web用户界面进行访问: https://ip/gpl_license. 它也可以在这里访问: <https://www.grandstream.com/legal/open-source-software> 如果需要包含GPL源代码信息的CD, 请发邮件到 info@grandstream.com 提交请求。

欲获取详细的路由器使用信息, 请在以下链接中下载GWN7001/7002/7003用户手册。
<https://www.grandstream.com/our-products>

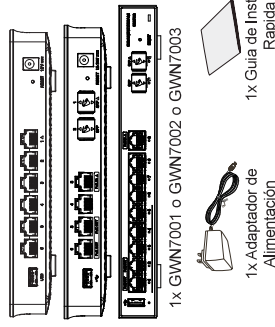
RESUMEN

El GWN7001/7002/7003 es un poderoso router firewall Multi-WAN Gigabit de nivel empresarial que incluye 2 puertos SFP para GWN7002/7003 y múltiples puertos de red Gigabit RJ45 que brinda una solución VPN integral en uno o múltiples escenarios. Como un producto de firewall dinámico y de alto rendimiento, es compatible con la detección de seguridad en profundidad (DPI) y la seguridad del contenido, incluido el filtrado de URL, el filtrado de DNS, el filtrado de contenido web, búsquedas seguras, identificación de aplicaciones, estadísticas de tráfico y otras protecciones integrales contra ataques, lo que puede garantizar de manera efectiva el continuo y estable funcionamiento de las aplicaciones y servicios centrales de la empresa, y garantizar que los administradores de las redes empresariales puedan monitorear y administrar mejor el tráfico de red. El GWN7001/7002/7003 integra una serie de funciones, que incluyen NAT, firewall, VPN, balanceo de carga y capacidades de administración de ancho de banda. Como router PoE sin ventilador, el GWN7002/7003 puede recibir alimentación de un adaptador de alimentación externo o de una entrada PoE IEEE 802.3af/at, además 2 puertos GBE son capaces de entregar PoE de manera pasiva o activa (IEEE802.3af) a 48 V. También es compatible con las plataformas de administración gratuita en la nube y/o en servidor local de administración de Grandstream (GWN Cloud/GWN Manager) que hace que administrar su red o varias redes en múltiples ubicaciones sea más fácil que nunca. Ideal para los mercados empresariales, minorista, educativo, hotelero y médico.

PRECAUCIONES

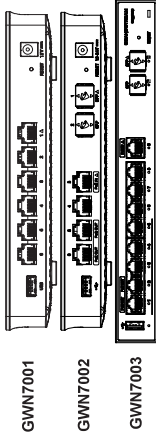
- No intente abrir, desarmar o modificar el dispositivo.
- No exponga este dispositivo a temperaturas fuera del rango de 0 °C a 40 °C en funcionamiento y desde -30 °C a 60 °C cuando se encuentre almacenado.
- No exponga el dispositivo a entornos fuera del siguiente rango de humedad: 10-90% RH (sin condensación).
- No apague el dispositivo durante el reinicio del sistema o actualización de Firmware. Puede corromper la imagen del firmware y causar un mal funcionamiento de la unidad.

CONTENIDO DEL PAQUETE



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PUERTOS GWN7001/7002/7003



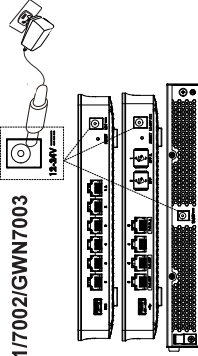
No.	Puerto	Descripción
1	 POE OUT POE IN	GWN7001: 6x puertos Ethernet Gigabit GWN7002: 4x puertos Ethernet Gigabit GWN7003: 9x puertos Ethernet Gigabit Nota: Todos los puertos son configurables como WAN/LAN. Los puertos Gigabit Ethernet incluyen 2 puertos PoE OUT y 1 puerto PoE IN (solo GWN7002/7003).
2		2x puertos SFP Gigabit (solo GWN7002/7003).
3		Puerto USB 2.0
4		GWN7001: Conector del adaptador de corriente (DC 12V, 1A). GWN7002: Conector del adaptador de corriente (DC 24V, 1A). GWN7003: Conector del adaptador de corriente (DC 24V, 1A).
5		Toma de puesta a tierra para protección contra descargas (solo GWN7003).
6		Botón de restablecimiento de fábrica. Presione durante 5 segundos para restablecer la configuración predeterminada de fábrica.

Nota: Los puertos con el símbolo están configurados para usarse como puerto WAN por defecto.

CONECTANDO EL GWN7001/7002/7003

1. Encienda el GWN7001/7002/GWN7003

El GWN7001/7002/GWN7003 puede ser encendido utilizando una fuente de alimentación o PoE (IEEE 802.3af/at) solo para GWN7002/7003.



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