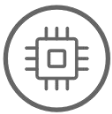




# HG5013-4G PRO

1GE WAN+3GE LAN + Wi-Fi 6

## Key Features:



High Performance Chipset



Next-Gen Gigabit WiFi  
Speed up to 3 Gbps,  
160Mhz bandwidth



Connect More Devices  
OFDMA + MU-MIMO



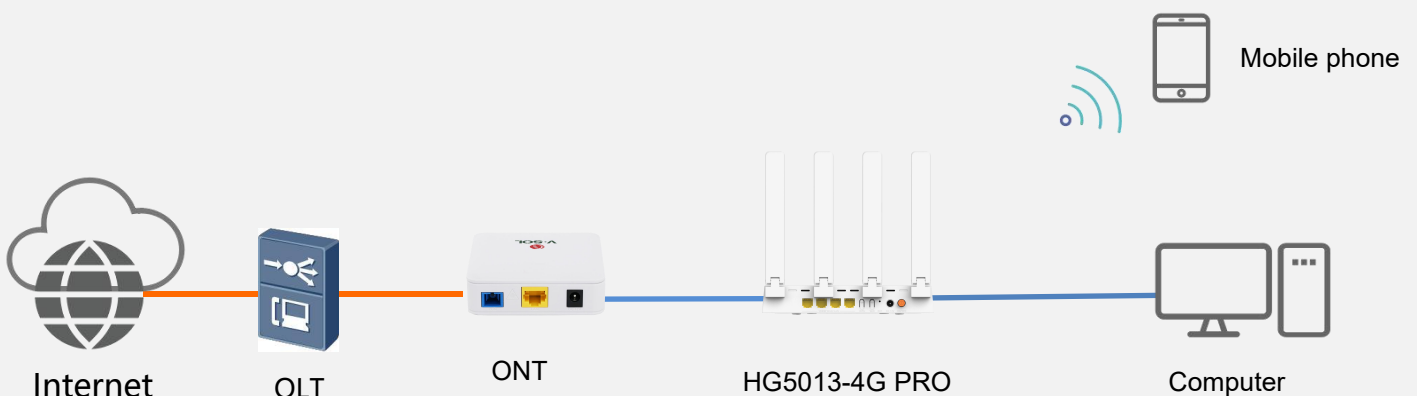
High-Gain  
FEM Module

## Introduction:

VSOL HG5013-4G PRO (1GE WAN + 3GE LAN + Wi-Fi 6 AX3000) is a high-performance wireless router. The product supports WAN/LAN auto-detection, effectively enhancing port configuration flexibility and scenario adaptability. Equipped with four high-gain antennas, it expands wireless signal coverage while ensuring stable and reliable network connections. The product incorporates FEM RF enhancement module, significantly boosting Wi-Fi transmission power and reception sensitivity. This further strengthens wireless coverage capabilities and wall penetration performance. The device features an upgraded chassis design.

Additionally, the HG5013-4G PRO supports Mesh networking technology, enabling seamless whole-home Wi-Fi coverage and device roaming. It delivers a high-speed, stable, and smooth premium network experience for home and small-to-medium business users.

## Application Chart:



## ○ Hardware Parameter

Dimension	200mm×156.8mm×32.33mm(L×W×H)
Net weight	0.34kg
Working condition	Working temp: 0~+50°C Working humidity:5~90%(non-condensing)
Storing condition	Storing temp: -30~+60°C Storing humidity:5~ 90% (non-condensing)
Power adapter	DC 12V, 1A
Power supply	≤12W
Interface	1GE WAN+3GE LAN + Wi-Fi 6
Indicators	POWER,WAN,LAN,2.4G,5G
Button	RESET,WLAN,WPS

## ○ Interface Parameter

User Interface	4*10/100/1000Mbps auto adaptive Ethernet interface , RJ45 connectors(1*WAN, 3*LAN)
WLAN Interface	<ul style="list-style-type: none"> <li>• Compliant with IEEE802.11b/g/n/ac/ax</li> <li>• 2402 Mbps on 5GHz and 574Mbps on 2.4 GHz</li> <li>• 2.4GHz: 2*2, 5GHz: 2*2;External antennas</li> <li>• Maximum number of connected devices:128</li> </ul>

## ○ Function Data

Management	WEB/Telnet/TR-069/SSH/CLI Management
Multicast	<ul style="list-style-type: none"> <li>• Support IGMP Snooping(IGMPv1/v2/v3)</li> <li>• Support IGMP Proxy</li> <li>• Support MLD Snooping(MLDv1、MLDv2)</li> <li>• Support MLD Proxy</li> <li>• Support Fast leave</li> </ul>

## ○ Function Data

WAN	Maximum speed of 1Gbps
Wireless	<ul style="list-style-type: none"> <li>• Wi-Fi 6: 802.11a/n/ac/ax 5GHz &amp; 802.11b/g/n/ax 2.4GHz</li> <li>• WiFi Encryption:WEP-64/WEP-128/WPA/WPA2/WPA3</li> <li>• Support MU-MIMO &amp; OFDMA</li> <li>• Support Dynamic QoS</li> <li>• Support 1024-QAM</li> <li>• Support WMM</li> <li>• BSS-Coloring&amp;Beamforming&amp;Beamsteering</li> <li>• Support WIFI Easy-mesh function</li> </ul>
L3/L4	<ul style="list-style-type: none"> <li>• Support IPv4, IPv6 and IPv4/IPv6 dual stack</li> <li>• Support DHCP/PPPOE/Statics</li> <li>• Support Static route,NAT</li> <li>• Support DMZ, ALG,UPnP</li> <li>• Support Virtual Server</li> <li>• Support NTP (Network Time Protocol)</li> <li>• Support DNS Client and DNS Proxy</li> </ul>
DHCP	Support DHCP Server & DHCP Relay
Security	<ul style="list-style-type: none"> <li>• Support local access control</li> <li>• Support IP address filtering</li> <li>• Support URL filtering</li> <li>• Support Anti-DDoS attack function</li> <li>• Support Anti-port scanning function</li> <li>• Suppression of protocol-specific broadcast/multicast packets (e.g. DHCP, ARP, IGMP, etc.)</li> <li>• Support Anti-Intranet ARP Attack</li> <li>• Support Parental control function</li> </ul>

### Ordering Information:

Product Name	Product Description	Accessories
HG5013-4G PRO	1GE WAN+3GE LAN+Wi-Fi 6	AC-DC power adaptor: DC12V/1A