



## G.hn Distributed Router (DR8354)

G.hn distributed router is a wireless router based on power line. It adopts the industry-leading G.hn Turbo power line technology and replaces network cables with home wires to simplify wiring and achieves immediate Internet access once plugged in. G.hn distributed routers are divided into desktop type and forced plug-in type, and can support up to 8 networking devices. It is one of the best solutions to implement full Wi-Fi coverage in houses.

DR8354 is a G.hn distributed desktop device that uses a powerful dual-core CPU to ensure fast and stable operation of the system. It provides three 1000 Mbit/s WAN/LAN adaptive interfaces and has 4 built-in omnidirectional antennas. It supports the new-generation 802.11b/g/n/ac, a wider coverage of 2.4G, more efficient 5G transmission, and up to 1.2 Gbit/s dual-band concurrent bandwidth, providing users with a faster and smoother Internet experience.

DR8354 desktop G.hn distributed router



### Highlights >>

- Immediate Internet access once plugged in: power line transmission technology; immediate Internet access once plugged in; G.hn Turbo; improved transmission performance
- Simple design: the desktop device adopts a modern home design, which is simple and elegant. The desktop type and the force plug-in type are integrated.
- Simple configuration: routing configuration can be completed in only 3 steps. It supports G.hn Mesh adaptive networking. You can place the devices anywhere as required.
- Super coverage and seamless roaming: G.hn Mesh supports 8 routers to network at the same time. The signal coverage can reach 1000 square meters, and the network efficiency is 30% higher than that of traditional Wi-Fi mesh.

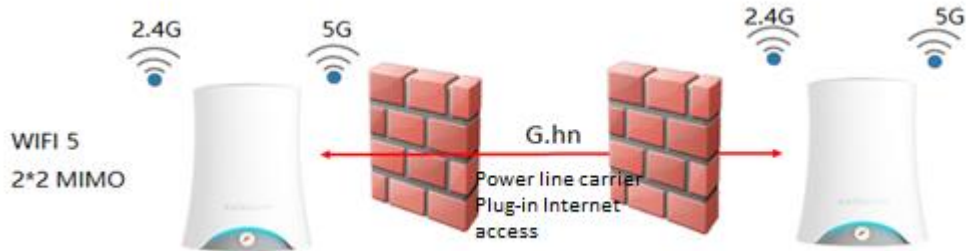
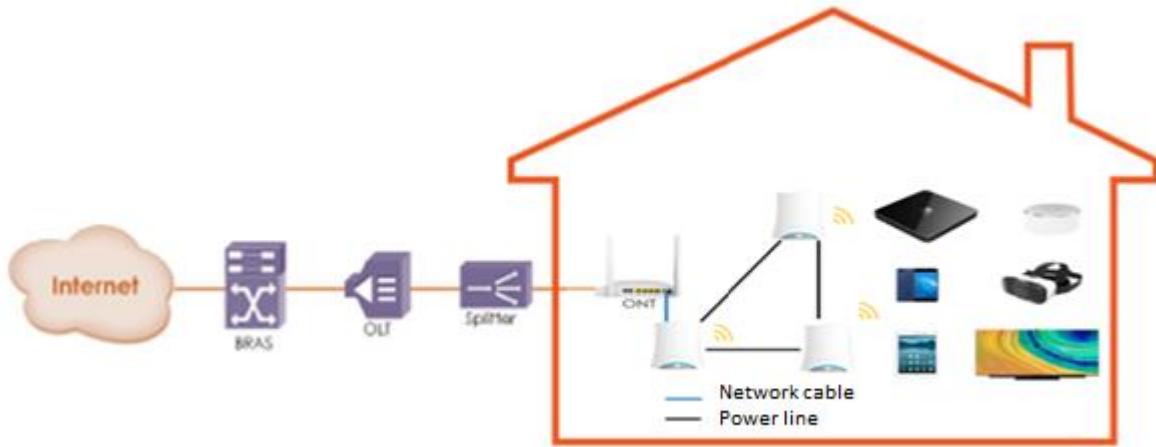
### Application >>

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Wiring is difficult in houses. Wall penetration and signal reflection are the main problems of Wi-Fi transmission in buildings. The traditional single router cannot achieve full house Wi-Fi coverage. G.hn distributed smart routers based on power line transmission can solve the problem easily. This solution does not depend on the house wiring. You can access the Internet once the router is plugged in. Besides, the transmission performance can be guaranteed, ensuring the user terminal experience.

## Key features >>

Overview	
Dimensions	185 mm × 123 mm × 68 mm
Ethernet interface	3GE (WAN/LAN)
Wi-Fi parameter	2.4GHz 802.11N (2 × 2) + 5GHz 802.11AC (2 × 2)
Wi-Fi protocol	<ul style="list-style-type: none"> <li>● IEEE802.11a/n/ac</li> <li>● IEEE802.11b/g/n</li> </ul>

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FLASH/RAM	128MByte/256MByte
Power specification	Embedded power, 100–240 VAC
Maximum power consumption	< 15 W
<b>Software features</b>	
Wi-Fi	Bandwidth configuration, manual/automatic selection of channels
First skip	Automatic skip after Wi-Fi login
Interface blind insertion	WAN/LAN auto-negotiation
Network protocol and data transmission	Bridging (sub-host)/Routing (host)/DHCP server automatic startup/VLAN/QoS
Power-on channel selection	When the device is powered on, the optimal channel for 2.4G and 5G Wi-Fi is selected according to the signal strength and interference.
Encryption	WPA/WPA2
Management	OTA cloud management/Mobile phone Web/PC Web

## Technical specification >>

Physical interface	3GE (WAN/LAN)
Power specification	AC: 100-240 V
Operating environment	Operating temperature: 0–40°C Humidity: 10–90% (non-condensing)
Maximum power consumption	< 15 W
Dimensions	185 mm × 123 mm × 68 mm

## Standard and protocol >>

Standard and protocol	● IEEE802.11a/n/ac
	● IEEE802.11b/g/n

## Ordering information >>

DR8354	G.hn distributed router, desktop type
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