



DR5374

DR5374 is the main equipment of the intelligent networking terminals, which is connected to the gateway through a network cable in the uplink and then provides users with high-speed network extension service through wired and wireless methods in the downlink. It adopts the high-powered CPU to ensure the fast and stable operation of the system. DR5374 has 1 GE WAN and 3 GE LAN port, and 5 external omni-directional antennas, supports a new generation of Wi-Fi 6 IEEE802.11b/g/n/ac/ax wireless technology, and provides wider 2.4GHz coverage and 5GHz transmission. The total dual-band concurrent bandwidth is up to 3000Mbps, which enables the users surf the internet faster and smoother.

DR5374



Highlights >>

Elegant appearance	Be suitable for desktop layout; support 5 external antennas
High-speed full-gigabit networks	Upgrade the bandwidth just in one step; adopt full-gigabit network port design, 1 GE WAN port, and 3 GE LAN ports. The Wi-Fi support MU-MIMO, 160 MHz frequency bandwidth, the maximum theoretical rate can reach 3000Mbps.
High-performance antenna	5 external high-performance antennas to achieve the omni-directional family coverage; 2.4GHz one with strong wall penetration and wide coverage, while 5GHz one with low latency and high rate.
Easy Mesh	Easy Mesh Wi-Fi coverage whole home for all types of large house, the network topology supports wireless mode, wired mode, and the hybrid mode of wireless and wired.
IPTV/IPv6	All-round upgrade to support IPv6 (compatible with IPv4), support wired/wireless multicast services in routing/bridging mode to realize the extension of multiple IPTVs in the home.
WPA3 Encryption	The WPA3 adds the SAE handshake and introduces a dynamic random variable in the PMK generation process to ensure the randomness of the key and enhance the security of the key verification mechanism.

Application >>

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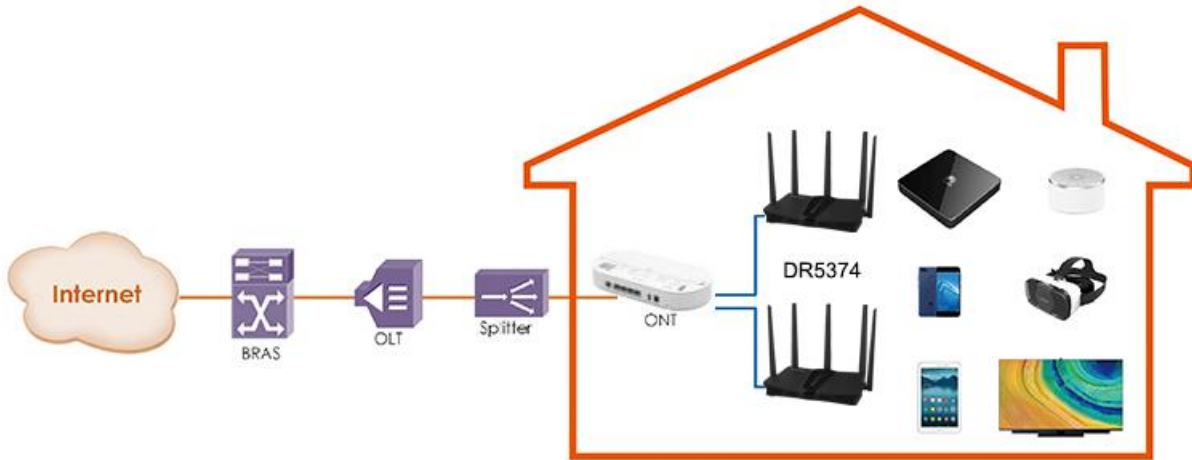


Figure.1 Wi-Fi Full Coverage in Smart Home Ecosystem

Key Features >>

Physical features

- CPU: dual core 1GHz
- Memory: 256Mbytes
- Flash: 128Mbytes

GE interface

- 10/100/1000Base-T RJ-45 Ethernet interface
- Ethernet interface auto-negotiation or manual configuration
- MDI/MDIX auto-detection

WLAN interface

- IEEE802.11 b/g/n/ac/ax, 160MHz frequency bandwidth
- 2.4GHz & 5GHz dual-band
- MU-MIMO: 2x2 2.4GHz & 2x2 5GHz
- Wi-Fi encryption: 64-bit and 128-bit WEP, AES, TKIP, TKIP-AES
- Wi-Fi authentication: WPA-PSK, WPA2-PSK, WPA3
- Frequency bandwidth configuration, channel manual/automatic selection
- Support wireless transmission power adjustable
- During the power-on process of the device, the optimal channel of 2.4G and 5G Wi-Fi is selected according to the signal strength and interference
- Qos: WMM
- Multiple SSIDs
- WPS
- Wi-Fi access control based on MAC
- Guest WiFi
- Easy mesh

IP features

- Work mode: bridge mode, router mode

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- WAN IP: DHCPv4, PPPoE, static IP
- DHCP server/client
- IPv4/IPv6 dual stack
- IPv4 NAT, NAPT
- DNS client, DNS relay/proxy

IGMP

- IGMP Snooping
- IGMP Proxy

Security

- Firewall
- NAT port mapping virtue server; Full Cone NAT
- Parental Control: internet time control; Accept/Reject list
- DMZ

Maintenance and Management

- Managed via web, support Chrome, Firefox browser etc.
- Factory reset
- Log management
- Network diagnose: ping, traceroute
- Auto timed restart device

*Can be support on phase 2

Specifications

Physical Interface	Uplink: 1 GE (RJ45) Downlink: 3 GE (RJ45) + 2.4GHz & 5GHz dual-band Wi-Fi
Power Adapter	Input: 100~240 VAC (50/60 Hz) Output: 12 VDC, 1.5 A
Power consumption	Full load: <16W
Use Conditions	Operating temp: 0~40°C Storage temp: -40~70°C Humidity: 10~90% non-condensing
Dimensions	225 (L) × 146 (W) × 37 (H) mm ³
Weight	≤ 0.40Kg

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Ordering Information >>

DR5374

Wi-Fi 6 router with 1 GE uplink (RJ45), 3 GE downlink (RJ45), 5 external antennas, Dual-band 2.4GHz and 5GHz (MU-MIMO 2*2), IEEE802.11a/n/ac/ax(ax3000) Wi-Fi

* The router can be ordered with European and American or Brazilian power adaptor

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