

# PRODUCT CATALOG

## Chapter 4. Smart Residential Gateway

As the core of the smart home, the router can be connected to various smart terminals, such as TV, phone, pad, speaker, STB, Xbox, VR glasses, etc. These demands put many requirements on the router. For performance and multi-terminal access scenario, Raisecom DR series router uses high-quality CPU and Wi-Fi chips. For far different categories of family members, DR series router implements access control, such as parental control (teenage mode). For covering different types of houses, we use multiple antennas, even mesh networking technology to achieve full coverage. For the use of equipment, we have implemented a three-step fast configuration and also provided safety guarantees. The DR series of wireless network router launched by the Raisecom intelligent networking terminal product line aims to meet the needs of smart home, via access fiber to home, network full coverage in a house, combine intelligent control, information exchange and consumption services effectively, provide uses with complete, high performance, reliable, standard innovative broadband service experience.

## Residential Gateway

### DR5254, DR5364, DR5374 series

As the hub connecting Internet at home, wireless routers are widely used in daily life and become an indispensable network device at home. With the upgrade of optical fiber and the rapid development of communication technology, home broadband access demand is also upgraded, which brings higher performance requirements for home routers. The DR series router aims to use the wireless technology to change the home network, so that every family can enjoy unlimited high-bandwidth networks.

DR5254 & DR5364 & DR5374 are the main models of the intelligent networking terminal, which uplink to the gateway through a network cable and then downlink with high-speed network extension service through wired and wireless methods. It adopts the high-powered CPU to ensure system operating fast and stable. It has 1 GE WAN port, 2 GE LAN ports for Wi-Fi 5 router 3 GE LAN ports for Wi-Fi- 6 router, and 4/5 Omni-directional antennas. DR5374 supports Wi-Fi 6 which is a new generation of IEEE802.11ax wireless technology, and provides wider coverage and more efficient transmission. The total dual-band concurrent bandwidth is up to 3000Mbps, which enables users surf internet faster and smoother.



DR5254



DR5364



DR5374

## FEATURES

### Elegant Appearance

- Be suitable for desktop layout; support built-in antennas on DR5254 and external antennas on DR5364/DR5374 appearances

### High-speed full-gigabit networks

- Upgrade the bandwidth just in one step; adopt full-Gigabit network port design, 1 Gigabit WAN port, and 2 Gigabit LAN ports for Wi-Fi 5 router, 3Gigabit LAN ports for Wi-Fi 6 router.
- Max. 1200Mbps for Wi-Fi 5 router and Max. 3000Mbps for Wi-Fi 6 router

### High-performance antenna

- 4/5 high-performance antennas to achieve the Omni-directional family coverage
- 2.4GHz with strong wall penetration and wide coverage, while 5GHz with low latency and high rate

### WAN/LAN auto-adaption

- With the support of the network port automatic identify technology, you can plug in any Gigabit Ethernet ports as you like, and there will be auto-recognized uplink/downlink port

### IPv6

- All-round upgrade to support IPv6 (compatible with IPv4), more addresses, more secure

### Band-steering

- Combined 2.4GHz and 5GHz to one SSID, intelligent automatically connects users' devices to faster frequency

### Easy Setup

- Easy setup in 3 steps with Smart Phone, easy to use

P/N	DR5254	DR5364	DR5374
WAN Interface	1 x Gigabit WAN port		
LAN Interface	2 x Gigabit LAN ports	3 x Gigabit LAN ports	
CPU	Dual-core 900MHz		Dual-core 1GHz
RAM	128 MB	256 MB	
Flash	128 MB		
WLAN	802.11 b/g/n/ac, AC1200, 2.4 GHz & 5 GHz, 2x2 MU-MIMO, 4 x built-in 3dBi antennas	802.11 b/g/n/ac/ax, AX1800, 2.4 GHz & 5 GHz, 2x2 MU-MIMO, 4 x external 5dBi antennas	802.11 b/g/n/ac/ax, AX3000, 2.4 GHz & 5 GHz, 2x2 MU-MIMO, 5 x external 5dBi antennas
Dimension(mm)	105(L) × 105(W) × 68(H)	220(L) × 130(W) × 36(H)	225(L) × 146(W) × 37(H)
Power Supply	12V DC, 1A		
Software	Support PPPoE, DHCP Server/Client, static IP, WPS, IPv4/IPv6, DNS client/relay, NAT, Firewall, parent control, Terminal management, DMZ, IGMP snooping/proxy		
Mesh	NA	Easy mesh	
Management	Web management		