



“For a better connected world”

AC1200 Dual Band Router

Faster, multiple connections, and smart



SM6631-GWDHH-R12

Device Parameters

Dimensions (L x W x H)	148mm x 94mm x 34mm (without external antenna and pads)
Weight	300g
Operating temperature	0°C - 40°C
Storage temperature	-40°C - 70°C
Operating humidity	10% to 95% (non-condensing)
Storage humidity	10% to 95% (non-condensing)
Power adapter input	100-240V AC, 50-60Hz
System power supply	12V DC, 1A
Maximum power consumption	12 W
Interface	1xGE WAN + 3xGE LAN
Antenna	4 for each 5dBi external
Button	RESET / WPS
Indicator	3-Color LED
Installation mode	On the desk, or on the wall
Compliance certification	CE

Product Function

Standards

- 5GHz: IEEE 802.11ac/n/a
- 2.4GHz: IEEE 802.11n/b/g

Bandwidth

- 5GHz: 20/40/80MHz
- 2.4GHz: 20/40MHz

Transmission rate

- 5GHz: 866Mbps
- 2.4GHz: 300Mbps

Operation channels

- 5GHz: 36, 40, 44, 48, 52, 56, 60, 64, 149, 153, 157, 161, 165
- 2.4GHz: 1-13

Transmission power for 2.4GHz

- 18dBm+2dBm @ 802.11b 11Mbps
- 18dBm+2dBm @ 802.11g 54Mbps
- 15dBm+2dBm @ 802.11n MCS7

Transmission power for 5GHz

- 19dBm+2dBm @ 802.11ac VHT20 MCS9
- 18dBm+2dBm @ 802.11ac VHT40 MCS9
- 18dBm+2dBm @ 802.11ac VHT80 MCS9

Acceptance Sensitivity for 2.4GHz

- <-87dbm @ 802.11b 11Mbps
- <-71dbm @ 802.11g 54Mbps
- ≤-68dBm @ 802.11n HT20 MCS7
- ≤-65dBm @ 802.11n HT40 MCS7

AcceptanceSensitivity for 5GHz

- ≤-69dBm @ 802.11a/n HT20 MCS7
- ≤-65dBm @ 802.11 a/n HT40 MCS7
- ≤-55dBm @ 802.11ac VHT80 MCS9

WiFi

- Guest WiFi
- Get WiFi debugging information
- Hide SSID
- WiFi Timing
- WiFi Access Control
- WPS key
- Wireless Distribution System (WDS)
- WiFi Encryption Methods (No Encryption & WPA-PSK & WPA2-PSK)

Working mode

- Router
- Access point

Layer 3 function

- PPPoE/Static IP/DHCP/Bridging
- NAT/NAPT
- ALG, UPnP
- DDNS/DNS server/DNS client
- IPv6/IPv4 dual stack
- Static/Default routes

Security

- Firewall
- Filtering based on MAC/IP/URL addresses
- Access control