

# Smart Router

AX3600 Wi-Fi6, Ethernet gateway



Heimgard Smart Router provides the end-user with next generation Wi-Fi technology on 2.4Ghz and 5Ghz band, (Wi-Fi6). The smart router is also a smart home gateway. The Smart Router is powered by HeimgardOS, the most advanced operating system for mesh and gateways, based on openWRT - totally flexible and secure.

## Wireless Standard

- 802.11ax 5 GHz, data rate, 2400 mbps
- 802.11ax 2.4 GHz, data rate, 1200 mpbs
- EasyMesh R2

## Router / Bridge Features

- IEEE 802.1D transparent bridge & basic spanning tree
- PPPoE (RFC 2516)
- PPPoA (RFC 2364)
- MAC encapsulation routing/IPoE
- Network Address Translation (NAT)
- NAT virtual server (port forwarding)
- DHCP client/server/relay with DHCP option 43/60/61/125
- DNS proxy/dynamic DNS
- Static/Policy route
- IGMP v1, v2, v3
- IPv4/IPv6

## Wireless

- Wireless Protected Setup (WPS)
- WPA2/WPA2/WPA3 with TKIP & AES
- Security type
- MU-MIMO support
- 4x4 Internal antennas on 2.4Ghz and 5 Ghz

## VLAN/QoS

- 802.1Q VLAN tagging/un-tagging
- Support flexible traffic classification

## Firewall & Security

- Generic packet filter
- DoS attack prevention
- Parental control

## Voice

- Section Initiating Protocol (SIP)
- G.168 echo cancellation

## Key Features

- ▶ 1 x 10/100/1000/2500 ETH WAN
- ▶ 4 x 10/100/1000 RJ45 LAN/WAN
- ▶ 1 x FXS VoIP
- ▶ 4 x 4 antennas on 2.4Ghz 802.11ax
- ▶ 4 x 4 antennas on 5Ghz 802.11ax
- ▶ 256Mb NAND and 512Mb RAM
- ▶ 1 x USB 2.0
- ▶ Zigbee 3.0

Order no.: R1DM-CHCJ-G0A0GCUXD-HOV1

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## Management

- Web/HTTPS: Multi level log-in via SSH
- Firmware upgrade via web/TFTP/FTP/TR-069/Cloud
- Text based configuration
- Configuration backup/update/ restore default via Web
- Support TR069 and USP
- TR-111 and TR-181
- SNMP v1, v2, v3

## HeimgardOS Features

- Continuously updated
- End-to-end encryption (between app, CPE, and cloud)
- OpenWRT based
- Surf-from-home (personal VPN)
- Managable thru APP

## Surf from Home

- VPN connection between your mobile device and your home
- Use your services while traveling as you would be at home.
- Does not rely on 3rd party services

## Package Content

- Power adapter
- Ethernet cable
- Quick start guide

## Heimgard Application, cont.

- DTMF detection and generation
- DTMF relay by in-band and out-of-band (RFC 2833, SIP Info)
- SIP account (URL type included)
- On hook, off hook and flash detection
- Caller ID
- Call forwarding (No condition, busy, no answer)
- Call transferring
- Call hold/Call retrieve
- Three way conference
- Call waiting

## Button

- One Power on/off button
- One reset button
- One WLAN/WPS on/off button

## Power Supply

- 12 V DC/ 2.5 A

## Status LEDs Indicators

- Power
- WAN
- Internet
- LAN
- Voice
- WLAN
- WPS
- Smart Home

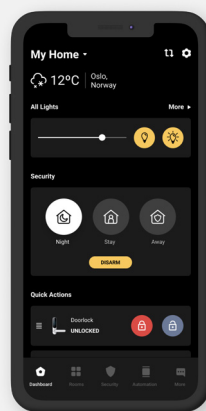
## Certification

- Safety: EMC: CE
- Wi-Fi Alliance



**Heimgard Connect App**

Set up and manage your home network with an easy-to-use app. Wi-Fi setup, client information, multiple locations support, plug-and-play pairing, parental control, Surf from Home



**Heimgard Smart Home App**

One app. To easily and securely control your smart home devices. It's compatible with more than 2000 smart products and services from various brands. Completely flexible. Completely secure

