Smart Mesh

Smart Wi-Fi mesh node,
grey 3 pack

Smart Wi-Fi 6 mesh system with 3 node and a built-in Zigbee smart home hub. Heimgard Smart Mesh provides the end-user with next generation Wi-Fi technology on 2.4Ghz and 5Ghz band, (Wi-Fi6). One single node is a router and a smart home gateway. Three units create a high quality mesh system with a Wi-Fi coverage of 750m2. The Smart Mesh is powered by HeimgardOS, the most advanced operating system for mesh and gateways, based on openWRT - totally flexible and secure

Production data

- El-number (NO): 6401450
- Product category: Networking
- SKU/Art.no: HTSMARTMESHG3
- GTIN (EAN): 7090026462299

Communication smart home

- RF communication protocol: Zigbee, Wi-Fi
- ONVIF compliant
- Max wireless range (meter): 30
- Voice control support: Google Assistant
- Supported operating sys.: Android, IOS
- App control: Heimgard, Heimgard Connect

Wi-Fi

- Wi-Fi generation: Wi-Fi 6 (802.11ax)
- Wi-Fi 802.11 standard 2.4gHz: b/g/n/ax
- Wi-Fi 802.11 standard 5gHz: a/ac/ax
- Maximum theoretical bandwidth(Mbps): 1800
- Maximum wireless speed 2.4gHz (Mbps):600
- Maximum wireless speed 5gHz (Mbps): 1200
- WPS (Wi-Fi Protected Setup)

Function keys

- Qty: 2
- Reset, WPS, Pairing

Communication network

- Wi-Fi connection point
- Network interface: Ethernet, Wi-Fi
- Network protocol(s): IPv6, Multicast, QoS, VLAN, WMM
- Communication bands (Qty): Dual band
- Supported Wi-Fi bands: 2.4gHz, 5gHz
- Integrated backhaul
- Multiple data stream support: MU-MIMO, OFDMA
- Communication mode: : Full-Duplex
- Ethernet speed (Mbps): 10, 100, 1000
- WAN speed (Mbps): 10, 100, 1000
- WAN access: Ethernet
- Supports Wi-Fi MESH expansion (Extra nodes included)
- Supports EasyMesh
- Antenna (Internal/External): Internal
- Antenna configuration 2.4gHz& 5gHz: 2x2
- Potency Tx 2.4GHz (RF output power dBm): 18
- Potency Tx 5GHz (RF output power dBm): 23
- Antenna Gain 2.4gHz & 5gHz (dBi): 3
- Effective radiated power (EIRP) 2.4gHz:250mW
- Effective radiated power (EIRP) 5gHz: 250mW
- BSS Colouring
- Beamforming
- No subscription required (Value added services available in app)

Key features

- ▶ Wi-Fi 6 Mesh System
- ▶ Covers up to 750m2 open range
- ▶ Built-in Zigbee smart home hub
- ▶ Premium Nordic design with fabric front
- ▶ App control (Heimgard+Heimgard Connect)

Order no.: 125400

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Processor, storage and memory

- Chipset type (Main): ARM Cortex-A53
- Flash storage (Mb): 256
- RAM memory (Mb): 256

Placement and operation temperature

- Field of application: Indoors
- Operating temperature (°C) :0 - +50°C
- Operating relative humidity (%): ≤95%RH (No condensation)
- IP classification: IP20
- Placement: Table
- Does not require authorized installer

Design, dimensions and weight

- Cube
- Dimensions HxWxD (cm): 11x11x11
- Net weight (g) F-PAK: 1194
- Net weight per unit (g): 398

Ports (Qty)

- WAN ports: 1 (Can be used as an additional LAN port if not connected to WAN)
- LAN ports: 1 (2 if used as an additional node)

Power

- Length of power cord (cm): 150
- Voltage (V): 100-240 AC, 12-DC
- Power adapter (230V)
- Plug type (IEC): Type C

Logistics and packaging

- Customs Tariff Number (HS-Code): 85176930
- Country of origin: China
- Dimensions F-PAK HxWxD (cm): 19x42x12
- Dimensions D-PAK HxWxD (cm): 40x26,9x46
- Gross weight F-PAK (g): 1494
- Gross weight D-PAK(kg): 6576
- Quantity in F-PAK (sales pack): 3
- Number of F-PAK in D-PAK (carton): 4
- Minimum order quantity: D-PAK
- Order multiple: D-PAK
- Storage temperature (°C): 10-35°C
- Storage humidity (%): 30-50%RH (No condensation)

Package Content

- Main product
- Quick start guide
- 3 x Power adapter
- 1 x Ethernet cable

Materials and colors

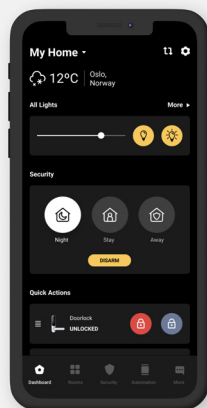- Finish: Plastic, fabric
- Color: White, grey

Safety and security

- Other Network Sc.: VPN Passthrough, DMZ
- VPN Protocol:IPSec, PPTN, L2TP, OpenVPN
- Antivirus, Malware Protection: Yes (Subscription required)
- Firewall: SPI Firewall
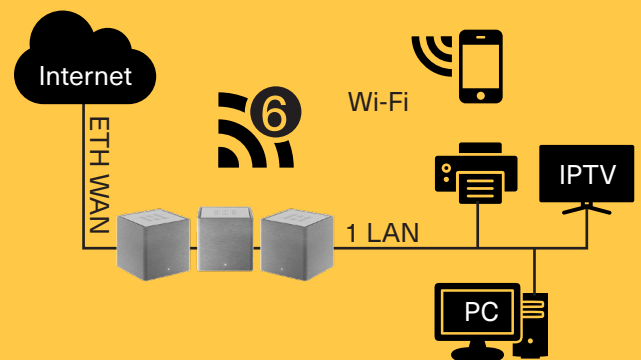- Network encryption: WPA2, WPA3
- Parental Control

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

zigbee

+ Various value added services