



# INNBOX M84

Premium EasyMesh™  
Wi-Fi Agent Access Point



Unparalleled reach  
and coverage



Multi-gigabit  
wireless performance



UHD TV over  
mesh Wi-Fi network



**Innbox M84** is an EasyMesh™ compliant **mesh Wi-Fi** agent access point, guaranteeing whole-home Wi-Fi coverage with **multi-gigabit wireless** connectivity, **seamless roaming**, automatic network optimisation and routing. Innbox M84 allows you to fully utilise a stable and flexible wireless network. Enjoying advanced triple-play services and multiple **ultra-high-definition TV** streams over wired or wireless home network has never been easier.

Is there another floor to cover? Just add another Innbox M84 and Wi-Fi blind spots will become a thing of the past.

Innbox M84 supports the delivery of services such as internet data and IP video – including UHD TV – over mesh Wi-Fi home network to **wired and wireless clients**.

Innbox M84 acts as an **EasyMesh™ compliant agent access point** for a gigabit mesh Wi-Fi network that will end the headaches caused by dead zones. Complemented by EasyMesh™

compliant controller, such as Iskratel's **Innbox E84**, the mesh Wi-Fi network ensures **seamless roaming and handover** without service interruptions, connecting Wi-Fi clients to a strong signal at all times.

Full gigabit throughput is available on **four Gigabit Ethernet ports**, while a **dual-band** Wi-Fi access point with 802.11ac Wave 2 **MU-MIMO** serves

numerous Wi-Fi clients easily. **Smart QoS management** allocates bandwidth intelligently for an outstanding experience with streaming, gaming, downloading, or videoconferencing.

With Iskratel's EasyMesh™ compliant controller, Innbox M84 agents feature easy setup and **plug-and-play operation** of a gigabit mesh Wi-Fi network, meeting user needs perfectly.

## KEY FEATURES AND BENEFITS

- EasyMesh™ compliant mesh Wi-Fi agent AP
- Reliable Wi-Fi coverage in up to three-storey houses with a pair of devices
- Four Gigabit Ethernet ports
- 802.11n/ac MU-MIMO, dual-band 2.4 GHz/5 GHz
- Up to 2,100 Mbps cumulative wireless data rate
- Seamless roaming and handover with a single SSID
- IP TV over wireless mesh network
- Smooth multi-streaming and gaming with MU-MIMO
- Fast and easy setup





#### LAN ports

- 4 ports Gigabit Ethernet 10/100/1000Base-TX (RJ-45)
  - Automatic MDI/MDIX crossover, Auto-negotiation and speed auto-sensing, half/full duplex support
  - Meets IEEE 802.3 specifications
  - Support for 802.1Q and 802.1p VLAN

#### Wireless LAN

- 2.4 GHz 802.11b/g/n 2x2 MU-MIMO
- 5 GHz 802.11ac 4x4 MU-MIMO
- Simultaneous dual-band 2.4 GHz and 5 GHz
- Data rates up to 1733 Mbps @5 GHz and up to 300 Mbps @2.4 GHz
- SSID broadcast, beamforming and band steering
- WPA/WPA2 in PSK mode

#### Mesh Wi-Fi

- Compliance with EasyMesh™
- EasyMesh™ agent access point, operating with controller via wireless or wired backhaul
- Plug-and-play operation with Iskratel's EasyMesh™ compliant controllers (such as Innbox E84)
- 802.11k/v/r compliant seamless roaming and band steering
- Up to three guest networks
- Smart QoS management
- TR-069 client for remote management
- XMPP client for remote provisioning over third-party network
- Detailed diagnostics

#### Power

- Input 110..240 V AC, 50-60 Hz, 12 V DC 1.5 A
- Power consumption less than 16 W
- K.21 overvoltage protection

#### Physical dimensions

- 0.2 kg (without power adapter)

#### Environment

- Operating: +5..+40 °C, RH 5..85% non-condensing, compliant with ETSI 300 019-1-3, Class 3.1
- Storage: -25..+55 °C; RH 10..95% non-condensing, compliant with ETSI 300 019-1-1, Class 1.2

#### Certification

- CE, CB, RoHS compliant

Some features are hardware-dependent.

Some features might not be included in dedicated software releases.

Date of issue: 19. 8. 2020 / Version 2.6



# ISKRATEL

Iskratel, d. o. o., Kranj  
Ljubljanska cesta 24 a  
SI 4000 Kranj, Slovenia

P +386 4 207 20 00  
F +386 4 207 27 12

info@iskratel.si  
www.innbox.net  
www.iskratel.com



Telco



Transport



Energy



Public Safety