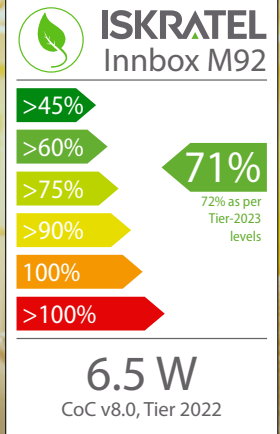




WiFi 6



Iskratel Innbox M92

Supreme EasyMesh™-compliant
Agent Access Point and Controller

יִסְרָטֵל
powered by
ISKRATEL

Iskratel Innbox M92 is an EasyMesh™ compliant mesh Wi-Fi agent access point and controller that guarantees whole-home Wi-Fi coverage with multi-gigabit wireless, seamless roaming, automatic network optimisation and routing, allowing you to fully utilise the wireless network. Enjoying advanced services and multiple ultra-high-definition TV streams over home Wi-Fi network has never been easier.

Iskratel Innbox M92 supports the delivery of services such as internet data and video – including UHD TV – over EasyMesh™-compliant mesh Wi-Fi 6 network, serving numerous wired or wireless clients.

In a gigabit mesh Wi-Fi 6 network, Iskratel Innbox M92 acts either as an agent access point or as a controller. The gigabit 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 two Gigabit Ethernet LAN ports, while a dual-band Wi-Fi 6 access point serves numerous clients easily. Smart QoS management optimises bandwidth allocation to deliver an outstanding user experience with streaming, gaming, videoconferencing, or downloading.

In an EasyMesh™-compliant mesh Wi-Fi network, Iskratel Innbox M92 agents/controllers feature simple

setup and plug-and-play operation, meeting user needs perfectly.

The mesh Wi-Fi network is easily monitored using a graphical user interface which includes a visual overview of all connected access points and devices. A graphical view of link rates and traffic (transmitted and received; for last month, day and hour) is available for each individual access point.



KEY FEATURES AND BENEFITS

- EasyMesh™ compliant mesh Wi-Fi 6 agent access point and controller
- Reliable Wi-Fi coverage in up to three-storey houses with a pair of devices
- Two Gigabit Ethernet LAN ports, one Gigabit Ethernet WAN port
- Wi-Fi 6 (802.11ax) dual-band 2.4 GHz/5 GHz MU-MIMO
- 1,800 Mbps cumulative Wi-Fi 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
- Available in a single pack and in a dual pack (pre-paired devices)



Top-of-the-line
wireless performance



Multi-gigabit
wireless performance



UHD TV over
mesh Wi-Fi network



Wired WAN and LAN interfaces

- One port Gigabit Ethernet WAN (RJ-45)
- Two ports Gigabit Ethernet LAN (RJ-45)
- IEEE 802.3 compliance

Wireless LAN

- Wi-Fi 6 (802.11ax) 2x2 MU-MIMO at 2.4 GHz and 2x2 MU-MIMO at 5 GHz
- Simultaneous dual-band 2.4 GHz and 5 GHz
- 1,800 Mbps cumulative Wi-Fi data rate (AX1800)
- Internal antennas
- SSID broadcast, beamforming and band steering
- WPA/WPA2 in PSK mode
- Wi-Fi protected setup (WPS)

Mesh Wi-Fi

- Compliance with EasyMesh™
- EasyMesh™ agent access point and controller, operating with other agent access points or with the controller via wireless or wired backhaul
- Plug-and-play operation with Iskratel's EasyMesh™ compliant agent access points
- 802.11k/v/r compliant seamless roaming and band steering
- Up to five access points per mesh Wi-Fi network
- Up to 32 client devices per agent access point



Software

- Simple overview and management via a mobile app
- Compatible with Innbox Premium Application Suite

Configuration and network management

- Zero-touch pairing to mesh Wi-Fi network
- Easy-to-use mobile app
- Web-based management (multi-level GUI)
- TR-069 data-frame model, TR-098, TR-104, TR-106
- TR-143 testing and troubleshooting tools
- IPERF and TCP dump (optional)
- Buttons: Wi-Fi button, reset to factory defaults

Power

- External adapter 110-240 V AC, 50-60 Hz, 12 V DC, 1 A
- Power consumption 6.5 W on-state, 4.8 W idle state, including adapter
- CoC v8.0 compliant, Tier 2022, 71% consumption (72% as per Tier-2023 levels)
- K.21 overvoltage protection

Physical dimensions

- 104 mm × 104 mm × 106 mm
- 0.2 kg (without power adapter)

Packing

- Available as a single-pack (one device) and as a dual-pack (two paired devices)

Environment

- Operating: 0..+40 °C, RH 10..90% non-condensing, compliant with ETSI 300 019-1-3, Class 3.1
- Storage: -40..+70 °C; RH 5..95% non-condensing, compliant with ETSI 300 019-1-1, Class 1.2

Certification

- CE, UKCA, CB, RoHS compliant

Some features are hardware-dependent.

Some features might not be included in dedicated software releases.

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