



## ASKEY – AP5630W

# Askey WiFi Mesh Advanced

The Askey Wireless Mesh Advanced is ideal to optimise the existing WiFi network and extend its range to hard to access places. Because it's 802.11k/v/r compliant, it allows multiple wireless nodes to connect with each other without having an Access Point between them, thus providing reliable connectivity between each node, using best path selection technology that minimises convergence risks for latency-sensitive video "Tri-band, this Solution has a dedicated backhaul connection that helps maximize internet speeds for 4K streaming and connections to multiple devices and enables Askey wireless nodes to deliver internet Tri-band, this Solution has a dedicated backhaul connection that helps maximize internet speeds for 4K streaming and connections to multiple devices and enables Askey wireless nodes to deliver internet speeds as fast as the primary router. speeds as fast as the primary router".

The Askey Wireless Mesh Advanced delivers high speed WiFi to the whole home, thus allowing all the family's devices to enjoy a stable and fast connection to the Internet for uninterrupted surfing and content streaming – which makes it ideal for large houses and complex "Reliable and stable, the connection is fast to establish as the Askey WiFi Mesh Advanced is very simple to pair with existing routers. The WPS pairing and the dedicated App, make this Solution even simpler and faster to be paired.

For Ethernet wired houses and areas subject to Radio Interferences, the Askey WiFi Mesh Advanced provides Aggregation of Wired & Wireless for a faster and more reliable connection. Its optional Zero-Wait Dynamic Frequency Selection (DFS) enables it to hop from channel to channel to avoid interference, disconnections and reduce latency.

This is the ideal Connectivity Solution – expandable, reliable and totally in-line with today's increasing bandwidth demands.

Tri-Band | Mesh | 802.11k/v/r compliant | Easy Pairing

## Hardware

- 2x2:2 2.4GHz/5GHz Dual Band Dual Concurrent Fronthaul
- 2x2:2 5GHz WiFi Backhaul
- Two-port Gigabit Ethernet PHY
- 256MB DDR3, 128MB NAND Flash
- Interfaces  
2 x 10/100/1000Mbps LAN Ports
- Easy Pairing Button
- Reset Button
- External Power Supply  
AC Input: 110~240V (50~60Hz)  
DC Output: 12V with 2A max

## Software

- Networking  
DHCPv4 client / DHCPv6 client  
Supports IPv6 dual stack  
Supports for TCP/UDP/ICMP/ARP  
Supports multicast IGMP v3, IGMP Snooping  
Supports DNSv4/ DNSv6  
Band steering  
Roaming Management  
802.11r  
802.11k  
802.11v
- QoS  
WMM, 802.11e

## Mesh Network

- Supports two mode : Controller mode / Extender mode
- Controller/ Extender Auto Detection
- EasyMesh  
On-boarding/ Backhaul selection/ AP auto config/ Multi-AP steering/ Topology detection
- Askey Cloud System & FOTA
- Web GUI & App On-boarding
- TR069/TR181 Remote Control
- XMPP for Connection Request
- Mesh Group Configuration
- Adaptive Path Selection
- Range Extender Placement Indicator
- Multi-cast Enhancement
- Safety AP Steering Mechanism

## Wireless

- IEEE 802.11a/b/g/n/ac
- Data Rate  
2.4 GHz – up to 400 Mbps  
5.0 GHz Radio 1 – up to 867 Mbps  
5.0 GHz Radio 2 – up to 867 Mbps
- Frequency  
2.4GHz & 5GHz
- Antenna  
5 x Internal Antennas
- MIMO Technology  
6 spatial streams
- Encryption  
WPA2-PSK, WPA-PSK

## Configuration and Management

- Firmware upgrades via Web GUI, APP or FOTA
- Remote Management via TR-069 and TR-181
- Dual-Image supports for firmware upgrade failsafe
- Save and Restore Configuration Settings

## Mobile App Features

- Parental Control  
MAC Filter  
Schedule management
- Guest WiFi
- Mesh Network Status
- Speed Test

## Dimensions

- W 72 x H 132.5 x D 105 mm

## Environment

- Operating Temperature 0° C – 40° C
- Operating Humidity 90% maximum, non-condensing



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