AIRSONICS
LIMITLESS WI-FI

5GHz Radio 1
160MHz Channel

5GHz Radio 2
160MHz Channel

2.4GHz Radio
40MHz Channel

2.5 Gigabit
Ethernet Port

Plume®
OpenSync

DeskPod Tri6

Next-Level Tri-band Wi-Fi 6 Mesh Router/AP

Premier Wi-Fi 6 performance and coverage

160MHz channels & top-shelf components

Tri-band radios + place-anywhere design

Leveraging the latest Wi-Fi 6 technology from chipset leader Qualcomm, the DeskPod Tri6 is destined to be the Plume CPE workhorse. Unlike 80MHz-constrained OpenSync products, the Tri6 exploits 160 MHz channels to deliver unparalleled throughput to bandwidth-hungry devices. Complimenting the double-wide 5GHz channels, AirSonics Tri-band (two 5GHz radios + one 2.4GHz) RF architecture ensures each device achieves its full Wi-Fi potential.

As Plume pushes Smart Home and Small Business services to the next level, AirSonics ensures seamless delivery through a forward-thinking CPE platform. The DeskPod Tri6 features unprecedented processing and RAM capacity to ensure flawless delivery of adaptive Wi-Fi for years to come. The Tri6 place-anywhere design also ensures untethered optimal positioning for matchless RF performance.

If we didn't already have you at exceptional performance, coverage, and evergreen design, the DeskPod Tri6 just happens to also be the OpenSync certified tri-band CPE price-leader. From delighted subscribers to every organization in your company, everyone's a winner when you embrace the AirSonics' DeskPod Tri-6.

airsonics.com/deskpodtri6

OPENSYNC

Based on an open-source standard, OpenSync enables CPE devices to communicate real-time and efficiently with the Plume Cloud while extending BSPs unparalleled flexibility in selecting CPE from industry leading vendors. OpenSync also alleviates anxiety and risk as BSPs no longer must rely on a single vendor for both software services and hardware.

FEATURES

- Tri-band antenna array
- Place-anywhere design
- 160MHZ channels (5GHz low and high band)
- OpenSync home and business certified
- 1Gigabyte RAM
- Auto-sensing topology
- Wi-Fi 6 + 2.5GigE WAN
- Wi-Fi 6 tri-band OpenSync cost leader

BENEFITS

- More throughput for consumer devices
- Superior RF performance and better coverage
- Faster speed than 80MHz-based CPE
- Multi-functional CPE / More service revenue
- Evergreen design for future services
- Auto-configures for router, Leaf, or bridge mode
- Enables 1+Gbps throughput on capable devices
- Substantially improves BSP's ROI

SPECIFICATIONS

PHYSICAL
94mm (diameter) x 124mm (height), 390g
12V/2A input, <25W power consumption
1 DC jack, USB C DC 15V input
1 multi-color status LED

COMPLIANCE
OpenSync and Wi-Fi Alliance certified
FCC, CE, CAN/CSA, UL, IEC
ROHS 2011/65EU compliant

ENVIRONMENTAL
Operating Temperature: 0C – 40C, (32 – 104F)
Storage Conditions: -40 – 85C (-40 – 185F)
Humidity: 5 – 90% non-condensing
Dustproof and waterproof: IP20

NETWORKING AND CONNECTIVITY
Auto-sensing Router or Leaf/Bridge mode
Bridge mode: DHCP client, 2.4/5GHz/Ethernet backhaul
Router mode: IPv4, NAT, WAN DHCP client, UPnP,
LAN DHCP server, DNS server, DHCP reservation,
port forwarding, Ethernet backhaul, IGMP Snooping
Ethernet: 1 2.5 GigE WAN, 1 GigE LAN

WI-FI, ANTENNA, BLUETOOTH, AND SECURITY
5GHz MIMO 11a/n/ac/ax: low, 2x2, high 4x4
2.4GHz MIMO 11b/g/n/ac/ax 2×2
802.11 k/v/r, band-steering, channel scan, U-APSD
Channel Bandwidth: 2.4GHz – 20/40MHz
5GHz low and high bands – 20/40/80/160MHz
Channels: 5GHz 36 – 48, 149 – 161, 2.4GHz 1 – 13
DFS Channels: 52 – 64, 100 – 144
Max Transmit Power (per chain):
5GHz: 23dBm@MCS0, 18dBm@MCS15
2.4GHz: 22 dBm@MCS0, 18dBm@MCS15
Vertical and horizontal polarized >3dBi antenna gain
Bluetooth 5.0
WPA/WPA2-PSK(AES)/WPA3

PLUME SERVICE SUPPORT
OpenSync Certified ✔
HomePass Certified ✔
WorkPass Certified ✔
Adaptive Wi-Fi ✔
Control ✔
Guard ✔
Sense ✔

AIRSONICS

Deployed in 35+ million homes globally, AirSonics and Plume bring world-class Smart Home and Small Business solutions to Broadband Service Providers serving North America's heartland. Leveraging extensive knowledge gained in 20+ years Wi-Fi experience, we provide compelling, targeted, and cost-effective end-to-end solutions with personal technical support. At privately held AirSonics, our customers are our Board of Directors.

airsonics.com/deskpodtri6