

AeroMesh WMS4300 Indoor Wireless TrueMesh™ Router with AP

The AeroMesh WMS4300 Indoor Wireless TrueMesh operates seamlessly in the 2.4 GHz frequency supporting the IEEE 802.11b/802.11g wireless standards in conjunction with 5 GHz 802.11a based backhaul. It's the best way to instantly add voice over WiFi (VoWiFi) capability to your existing business. It is an excellent way to extend wireless transmissions throughout your business premise indoor and outdoor with the use of WMS4500. The unprecedented reliability of the mesh is accompanied with WMS8000-NMS appliance for central management and control.



Key Features

- AWR Mesh Routing
- NAT Support
- DHCP Server and Relay
- Full 802.11a/b/g Client Compatibility
- Cross IP Subnet Roaming
- Multiple BSSID and ESSID Suppression Support
- Multiple Country Code Support
- WEP, WPA, WPA2, VPN, MAC Filtering & 802.1x Support

WMS4300 Technical Specification

- **Wireless Access 802.11b/g 2,400-2,484 MHz**
 - 802.11b-1, 2, 5.5, 11 Mbps
 - 802.11a/g-6, 9, 12, 18, 24, 36, 48, 54 Mbps
 - Standards-IEEE802.11a/b/g, IEEE802.1x, IEEE802.3, IEEE802.3u
 - TX Power: 100 mW (20 dBm) one 5dBi Omni Directional Antenna included
 - RX Sensitivity:
 - 90dBm@6Mbps, -88dBm@11Mbps,
 - 83dBm@24Mbps, -80dBm@36Mbps
 - 75dBm@48Mbps, -73dBm@54Mbps
- **Wireless Backhaul 802.11a 4,900-5,850 MHz**
 - TX Power: 100 mW (20 dBm) one 5dBi Omni Directional Antenna included
 - RX Sensitivity:
 - 90dBm@6Mbps, -88dBm@11Mbps,
 - 83dBm@24Mbps, -80dBm@36Mbps
 - 75dBm@48Mbps, -73dBm@54Mbps
- **Media Access Protocol Carrier CSMA/CA w ACK**
- **DHCP Server and Relay**
- **Protection Circuits**
 - Antenna Protection: <0.5uJ for 6kV/3kA
 - Electrical Protection: ANSI/IEEE c62.41, UL 1449-2 ed., 10KA@8/20 uS Waveform, 36kA per phase
 - EN61000-4-5 Level 4 AC Surge Immunity
 - EN61000-4-5 Level 4 EMC Field Immunity

- **Security**
 - Encryption Routing of Messages
 - 64/128-Bit WEP Encryption
 - WPA/WPA-2
 - 802.1x
 - VPN Compatibility
 - MAC Address Filtering
 - ESSID Suppression
- **Management**
 - SNMP v2c/v3
 - HTTP Based Router Management System
 - Simple Mesh-wide image upgrade
- **Auto sensing 10/100 Base-T Ethernet**
- **Humidity (non-condensing) -5%~95% Typical**
- **Temperature Range - Operating 0°C to 50°C**
- **Packing Information**
 - WMS4300 AeroMesh Router
 - 0.6Kg, 280mmX140mmX40mm without mounting brackets and antenna
 - Mounting Bracket, Quick Guide
 - Configuration CD

Ordering Information

AeroMesh Model WMS4300: Indoor WIRELESS Mesh Router, External Antenna Optional