



2.4GHz Mesh 54Mbps Emergency Network Solution



This is high performance wireless MESH network equipment. The wireless node can self-configure, dispose the network, and the network failure can be repaired automatically so that the overall performance and the usability achieves the optimization. This equipment makes use of advance algorithm to enhance the throughput and low time-out from the centre to the edge of the network. This equipment is not only the wireless MESH junction point, but also may simultaneously support the wireless hotspot covering. It will provide the wireless broadcast access and the high bandwidth audio frequency/data/video frequency service.

By connecting a Series wireless Access Point to your wired network, users can enjoy wireless Internet access faster than ever before. Meanwhile, robust security ensures the Internet connection is protected.

Specification

| | |
|-----------------------|--|
| Model | NSG-MESH24 |
| Standard | IXP422 266MHz/8MB Flash+32MB SDRAM |
| LAN | 1x10/100BaseT RJ45 with Auto-MDIX |
| Power over Ethernet | Yes, 802.3af, with Lighting Protector |
| Default button | Yes |
| Antenna | 1 N Connector |
| Frequency | 2.4GHz (Single RF) |
| Enclosure | Metal and Plastic PC Case, IP67 verified |
| Maximum Output Power | 21dBm @54Mbps |
| Sensitivity | 54Mbps: ≤ -72 dBm |
| Dimension | 259 × 250 ×75 mm |
| Weight | 1.8kgs |
| Operating Temperature | -20~80°C |
| Storage Humidity | 5~95% RH |



| | |
|-----------------------|-----------------------------|
| Operation modes | AP, MESH, 802.11s |
| Link Test | Yes |
| WMM (Next Edition) | Yes |
| Radio Modes | Standard 802.11b/g Mode |
| MESH Diagnose | Yes |
| Channel Bandwidth | 20/10/5 MHz |
| Wireless Link Display | Yes |
| WEP Encryption | 64, 128, 152-bit |
| WPA | WPA/WPA2 Enterprise/WPA-PSK |
| Web Base Management | Yes |
| HTTP F/W Upgrade | Yes |
| SNMP | Yes, MIB2 |
| Windows Utility | Yes (Bridge Version) |

Diagram

