



## 5.8GHz 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	NSA-MESH58
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	20dBm @54Mbps
Sensitivity	54Mbps: $\leq -72$ 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 802.11a 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

