

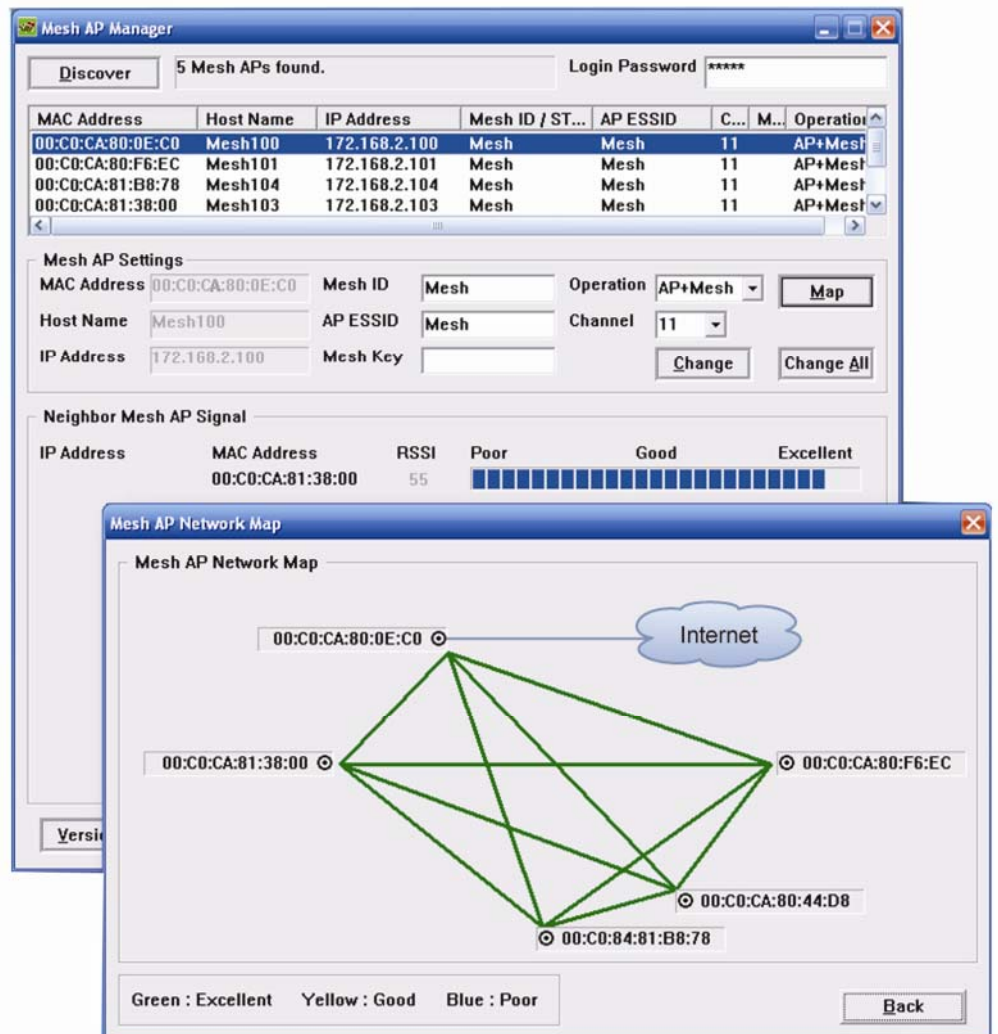
iMesh51

Indoor Mesh Network AP/Router



Features

- Cost-Effective
- Easy for Installation
- High Performance
- Auto Connection for Better Signal Route
- Easy to Configure by MESH Management software



Mesh AP Manager

Discover 5 Mesh APs found. Login Password *****

MAC Address	Host Name	IP Address	Mesh ID / ST...	AP ESSID	C...	M...	Operati...
00:C0:CA:80:0E:C0	Mesh100	172.168.2.100	Mesh	Mesh	11		AP+Mest
00:C0:CA:80:F6:EC	Mesh101	172.168.2.101	Mesh	Mesh	11		AP+Mest
00:C0:CA:81:B8:78	Mesh104	172.168.2.104	Mesh	Mesh	11		AP+Mest
00:C0:CA:81:38:00	Mesh103	172.168.2.103	Mesh	Mesh	11		AP+Mest

Mesh AP Settings

MAC Address: 00:C0:CA:80:0E:C0 Mesh ID: Mesh Operation: AP+Mesh Map

Host Name: Mesh100 AP ESSID: Mesh Channel: 11

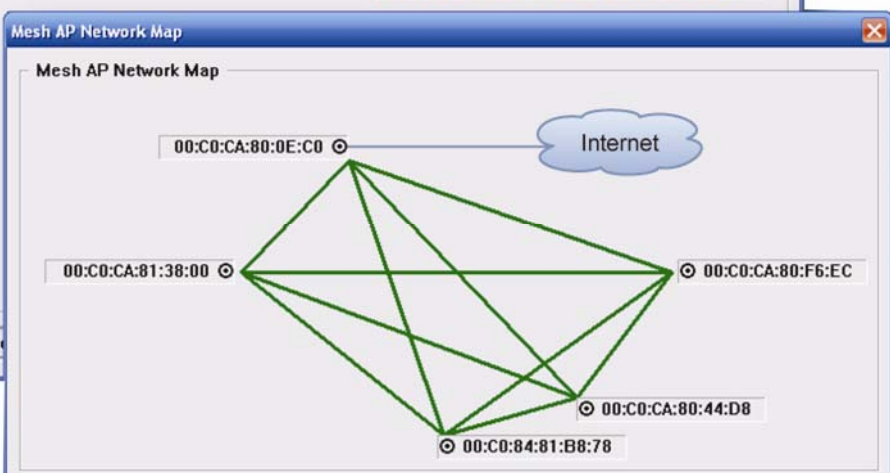
IP Address: 172.168.2.100 Mesh Key: Change Change All

Neighbor Mesh AP Signal

IP Address	MAC Address	RSSI	Poor	Good	Excellent
	00:C0:CA:81:38:00	55	█	█	█

Mesh AP Network Map

Mesh AP Network Map



Green : Excellent Yellow : Good Blue : Poor Back

For further details:

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Specification

Standards Compliance	IEEE 802.11b/g IEEE 802.3 IEEE 802.3u
SDRAM	32 MB
Flash	8 MB
Radio Frequency Type	DSSS / OFDM
Modulation	IEEE802.11b: CCK, DQPSK, DBPSK IEEE802.11g: OFDM with BPSK, QPSK, 16QAM, 64QAM
Frequency Band	America/FCC: 2.412~2.462 GHz (11 channels) Europe CE/ETSI: 2.412~2.472 GHz (13 channels)
Transmission Power	20dBm±2dBm
Transmission Rate	IEEE 802.11b: 1/ 2/ 5.5/ 11 Mbps IEEE 802.11g: 6/ 9/ 12/ 18/ 24/ 36/ 48/ 54 Mbps
Access Point Interfaces	Auto MDI/MMDI-X Ethernet 10/100Base-TX: RJ-45
Sensitivity	IEEE 802.11b: -85dBm @ 11Mbps, PER < 8% IEEE 802.11g: -64dBm @ 54Mbps, PER < 10%
Antenna Type	RP-SMA 5dBi antenna
Security Systems	64-bit/128-bit WEP encryption; Wi-Fi Protected Access (WPA), WPA-PSK(TKIP/AES), WPA-EAP WPA2-PSK(TKIP/AES), WPA-EAP
Wireless Setting	Operation Mode – AP+Mesh / AP+STA / AP Channel Selection (Setting varies by Country) Adjustable transmit power by 1dBm step
Software/Firmware	Web-based configuration via popular browser (MS IE, Netscape...) Windows “Mesh Management software” Firmware upgrade via Web Reset to default by WebUI TFTP/HTTP download Event Log Support QoS(WMM) Support Time settings
Operating Environment	Operating Temperature: -20 ~ +70°C
Power	DC 12 V, 1A; AC adapter AC 100V ~ 240V
Network Management System OS Support	Windows 2000/ XP/ Vista
Warranty	One year limited

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